

215

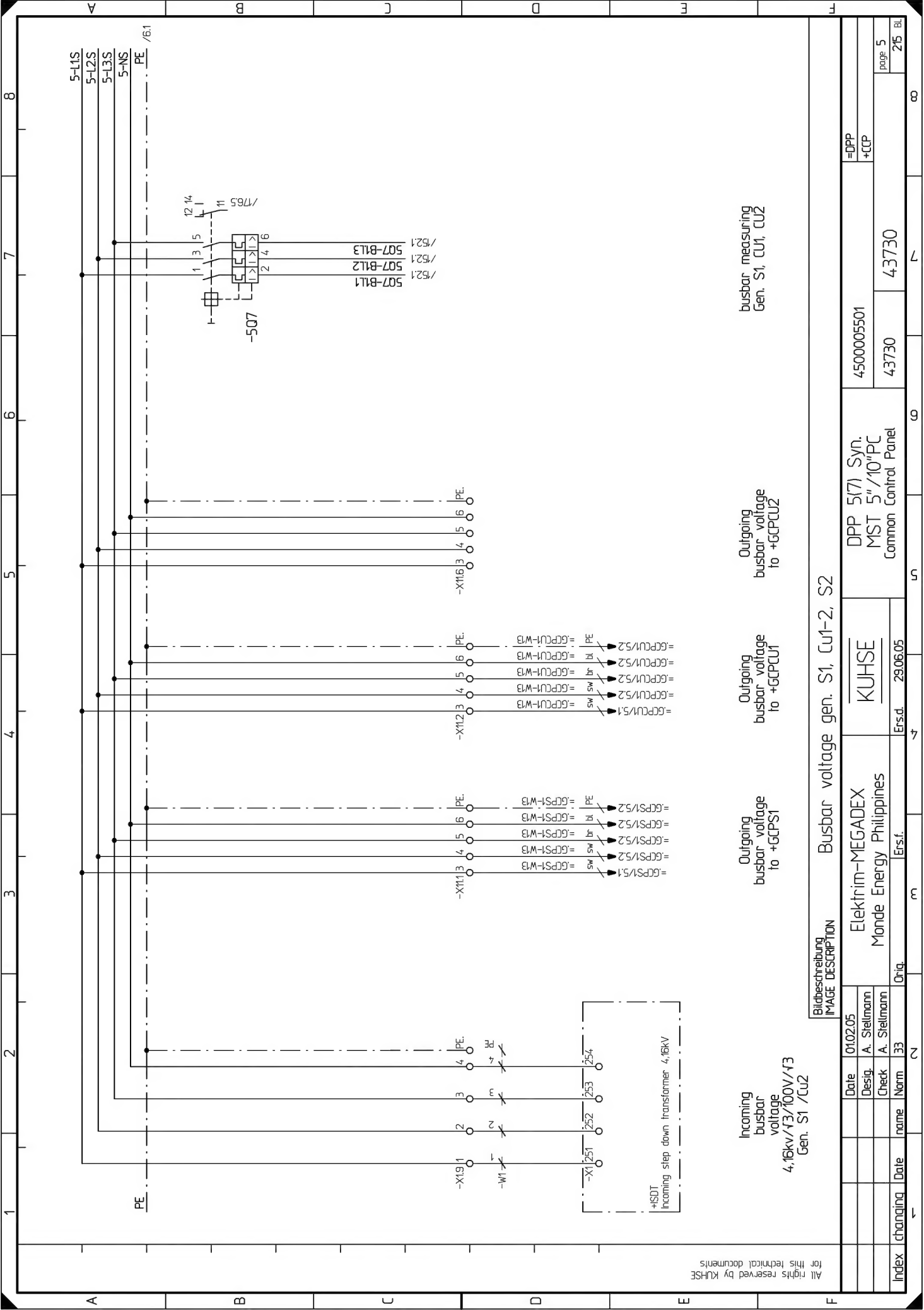




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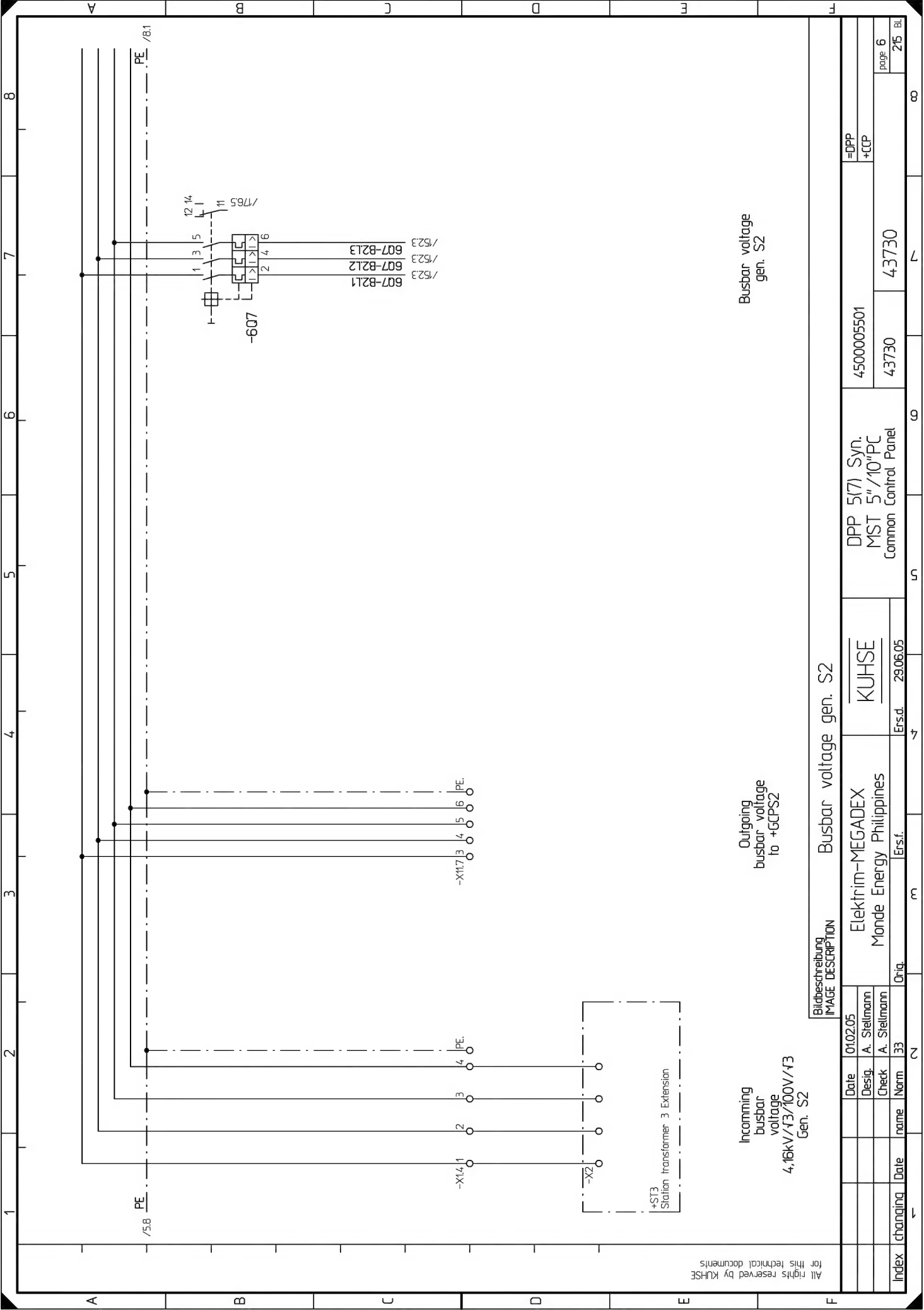
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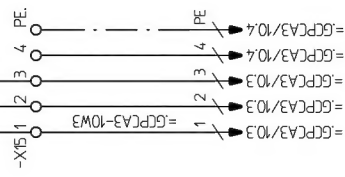
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All for	Bildbeschreibung IMAGE DESCRIPTION		Busbar voltage gen. S1, Cu1-2, S2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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All for	Bildbeschreibung IMAGE DESCRIPTION										Busbar voltage gen. S2											
						</																



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page 7







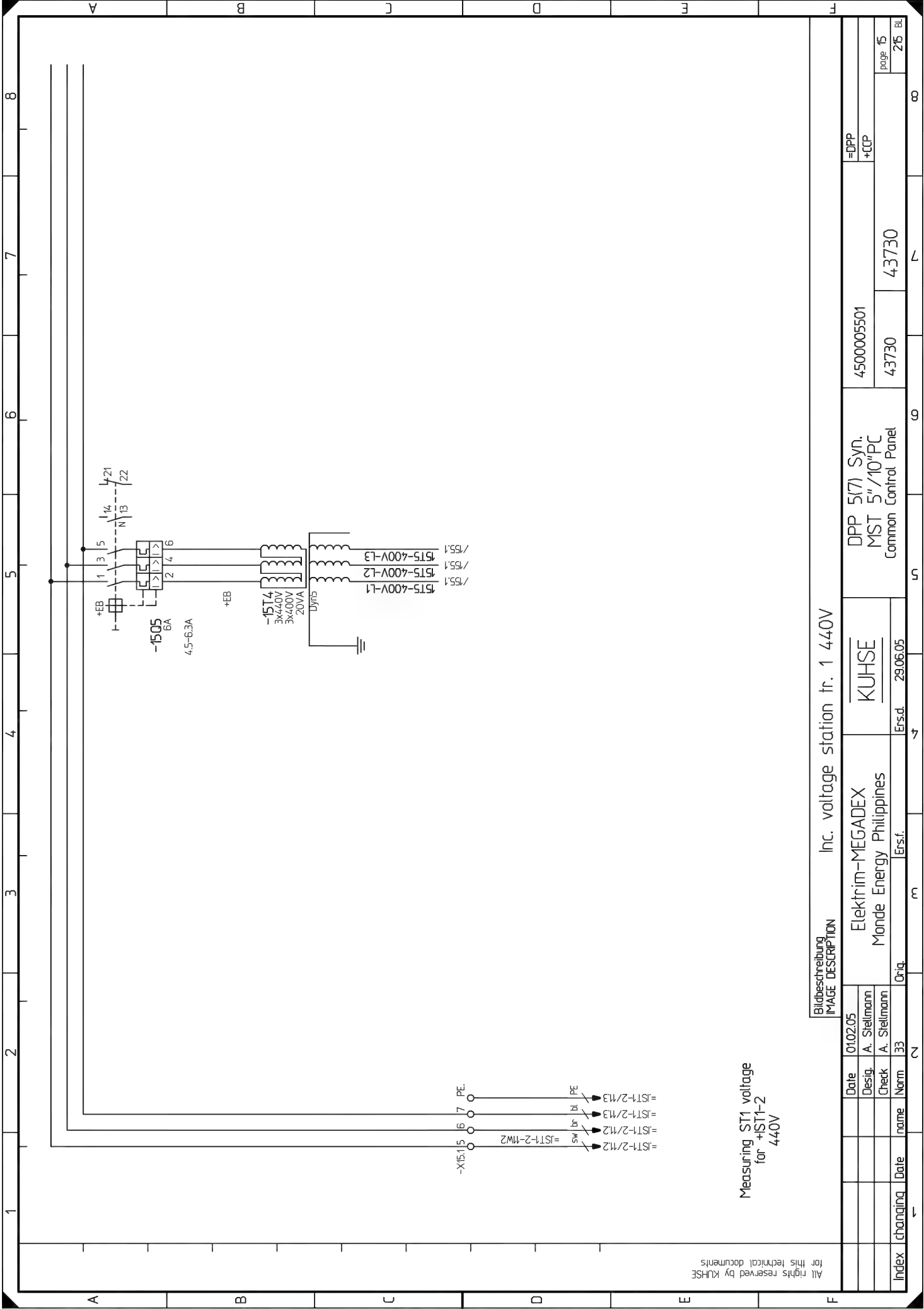


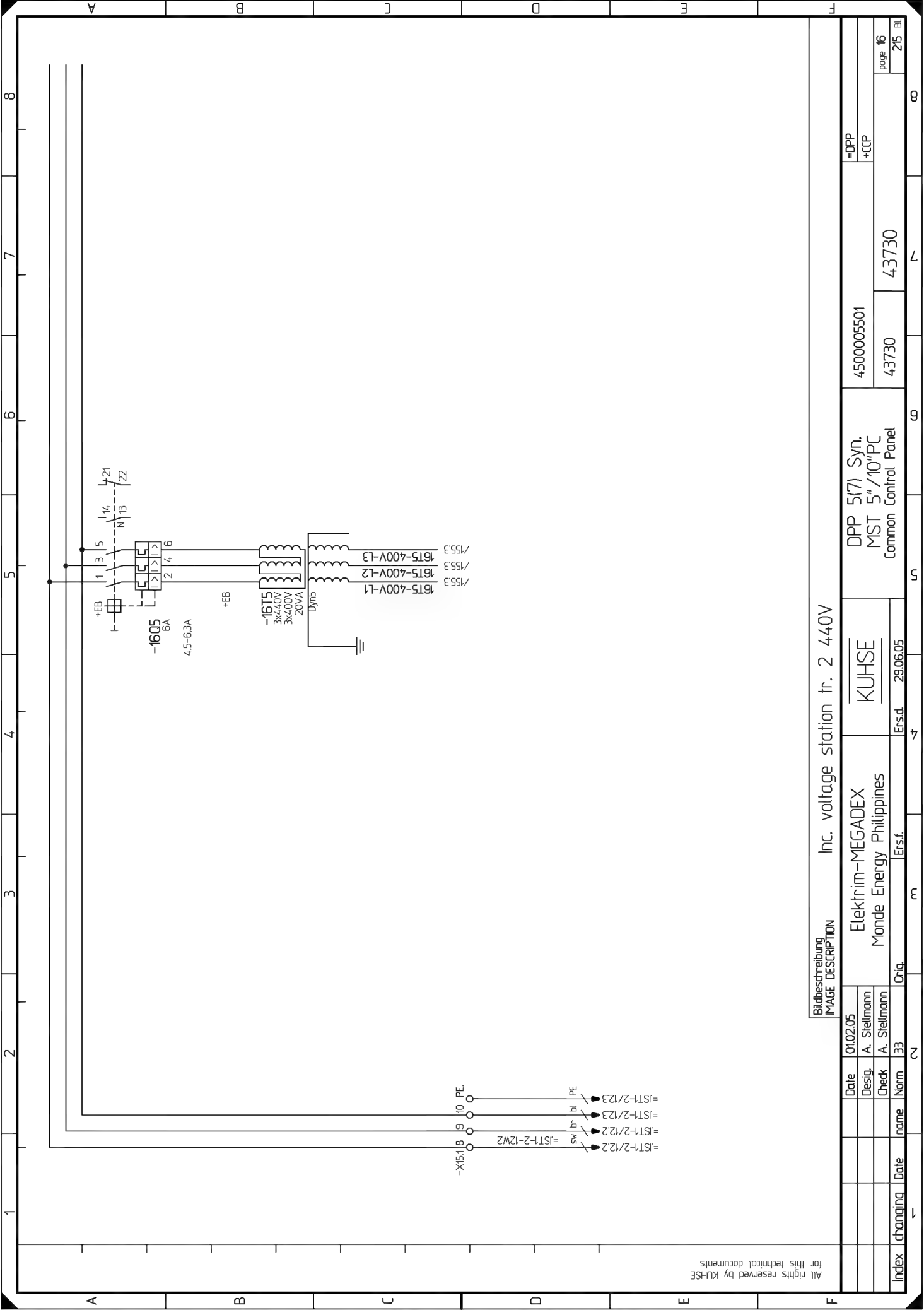


[illegible]









Bildbeschreibung IMAGE DESCRIPTION		Inc. voltage station tr. 2 440V									
Index	changing	Date									
		Date	0102.05								
		Desig.	A. Stelmann								
			Elektrim-MEGADEX			KUHSE		DPP 5(7) Syn. MST 5"/10"PC Common Control Panel			
			Monde Energy Philippines					4500005501			
								43730			
								43730			
								=DPP			
								+CCP			
								page 16			
								215 BL			



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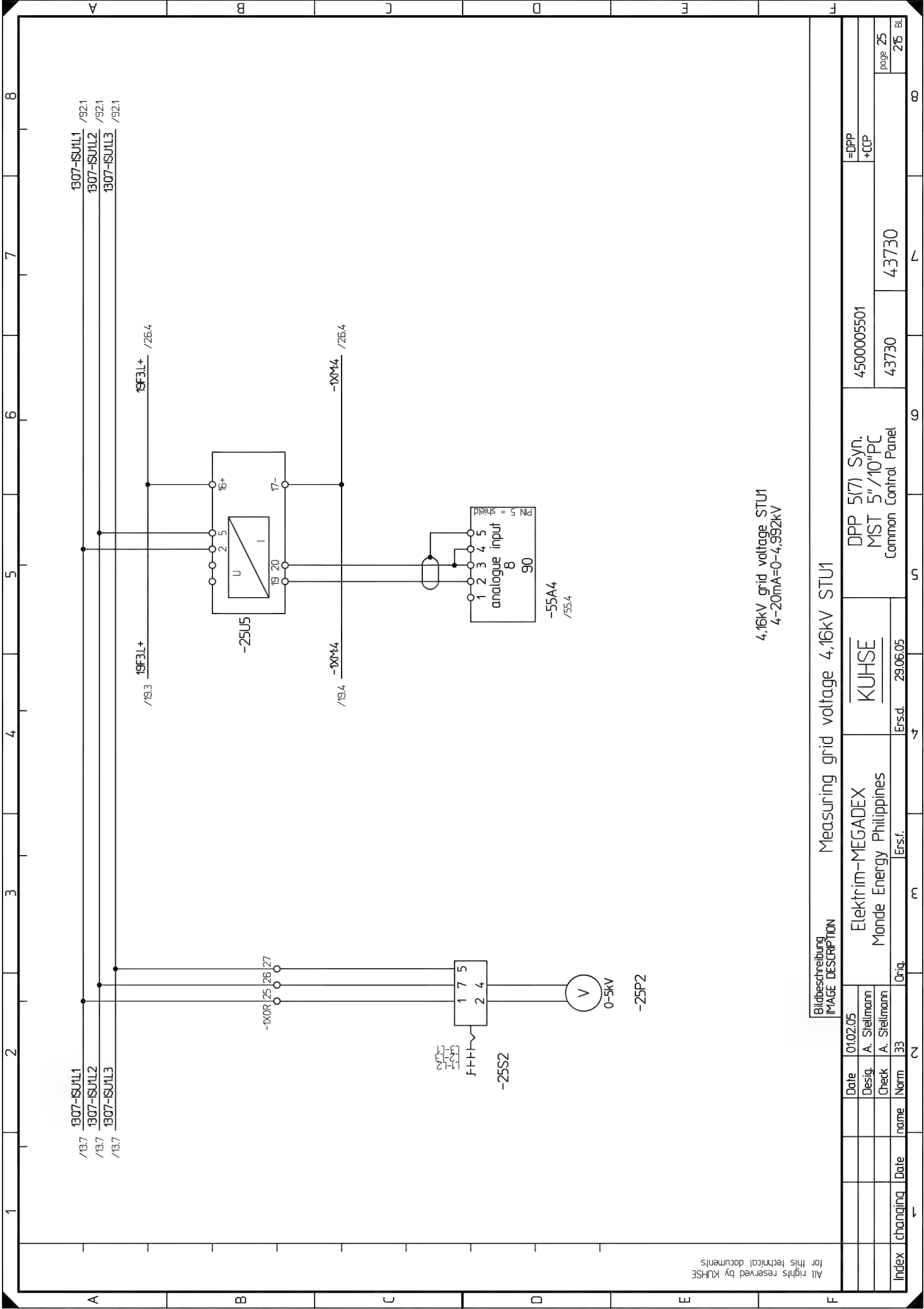


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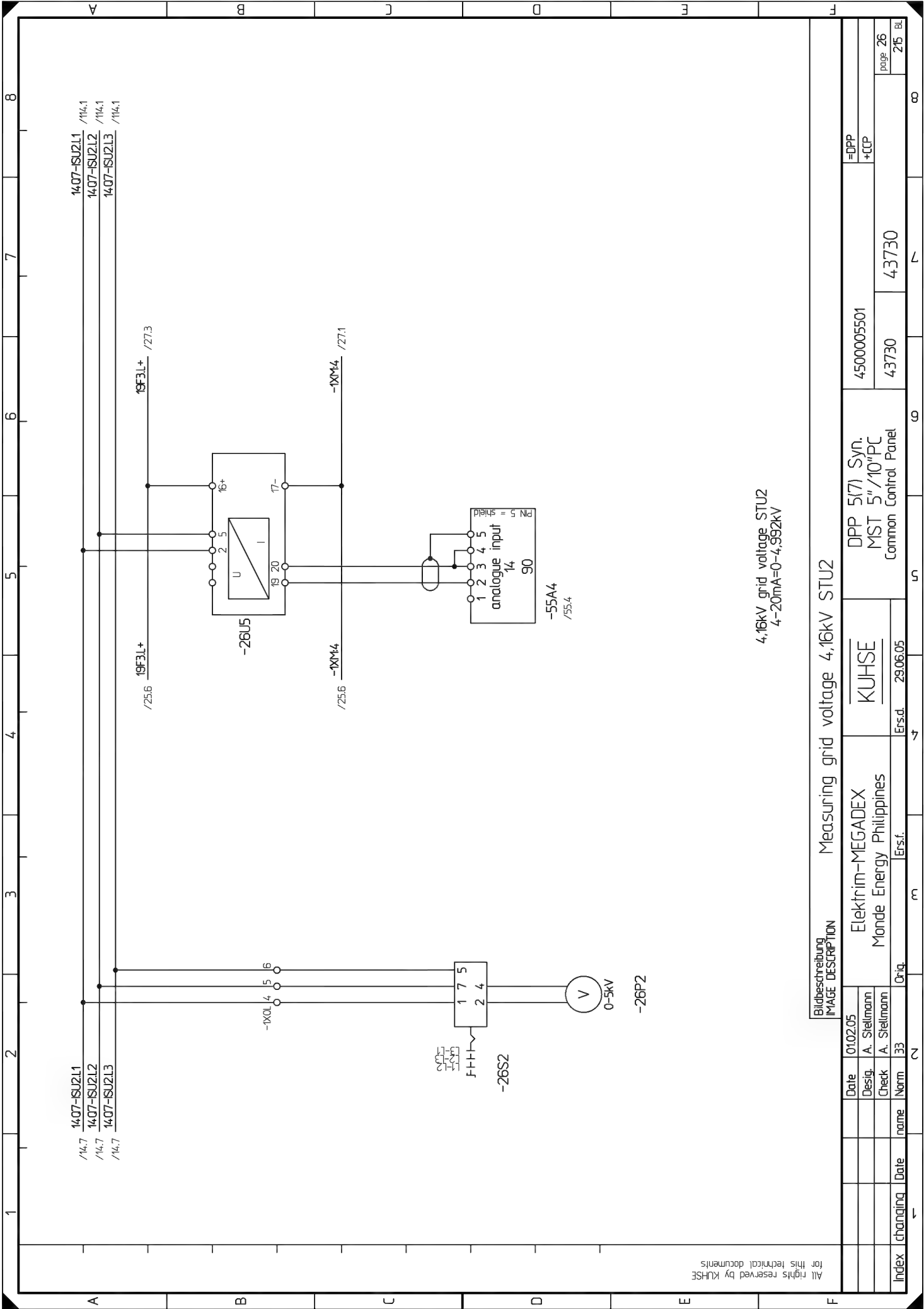
All rights reserved by KUHSE for this technical documents										Bildbeschreibung IMAGE DESCRIPTION										spare									
Index	changing	Date	name	Date	Norm	Check	Desig.	Date	0102.05	A. Stellmann	A. Stellmann	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	43730	43730	=DPP +CCP	page 24	215 BL									
																					Orig.	Ersd.	Ersf.						





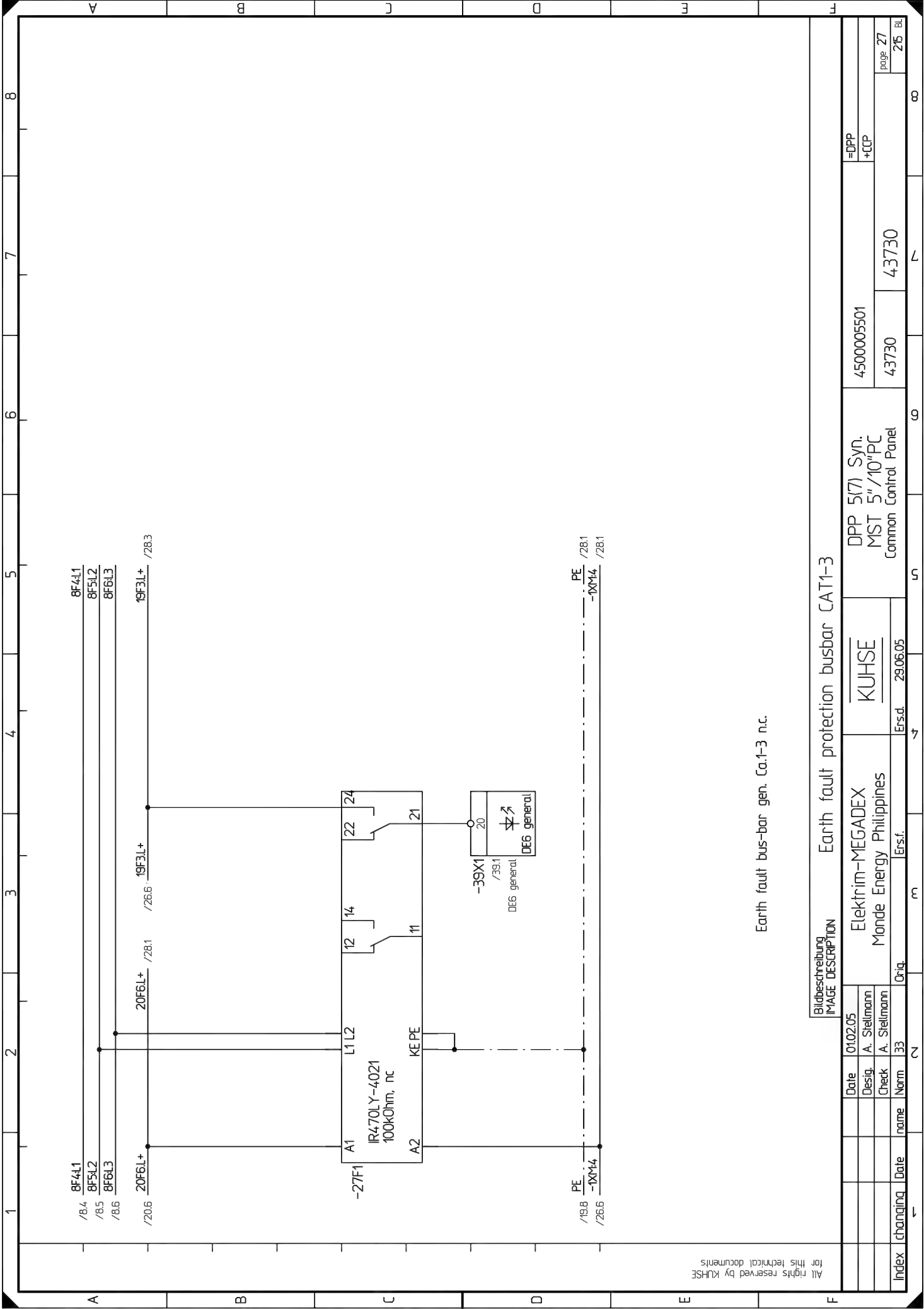
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All for	Bildbeschreibung IMAGE DESCRIPTION		Measuring grid voltage 4,16kV STU1												
			Date	01.02.05	Elektrim-MEGADEX		KUHSE		DPP 5(7) Syn. MST 5"/10"PC Common Control Panel			4500005501		=DPP	
			Desig.	A. Stelmann	Monde Energy Philippines									+CCP	
			Check	A. Stelmann											
Index	changing	Date	name	33	Orig.	Ers.f.	Ers.d.	29.06.05				43730	43730	page 25	
														215 BL	



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All for	Bildbeschreibung IMAGE DESCRIPTION		Measuring grid voltage 4,16kV STU2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												



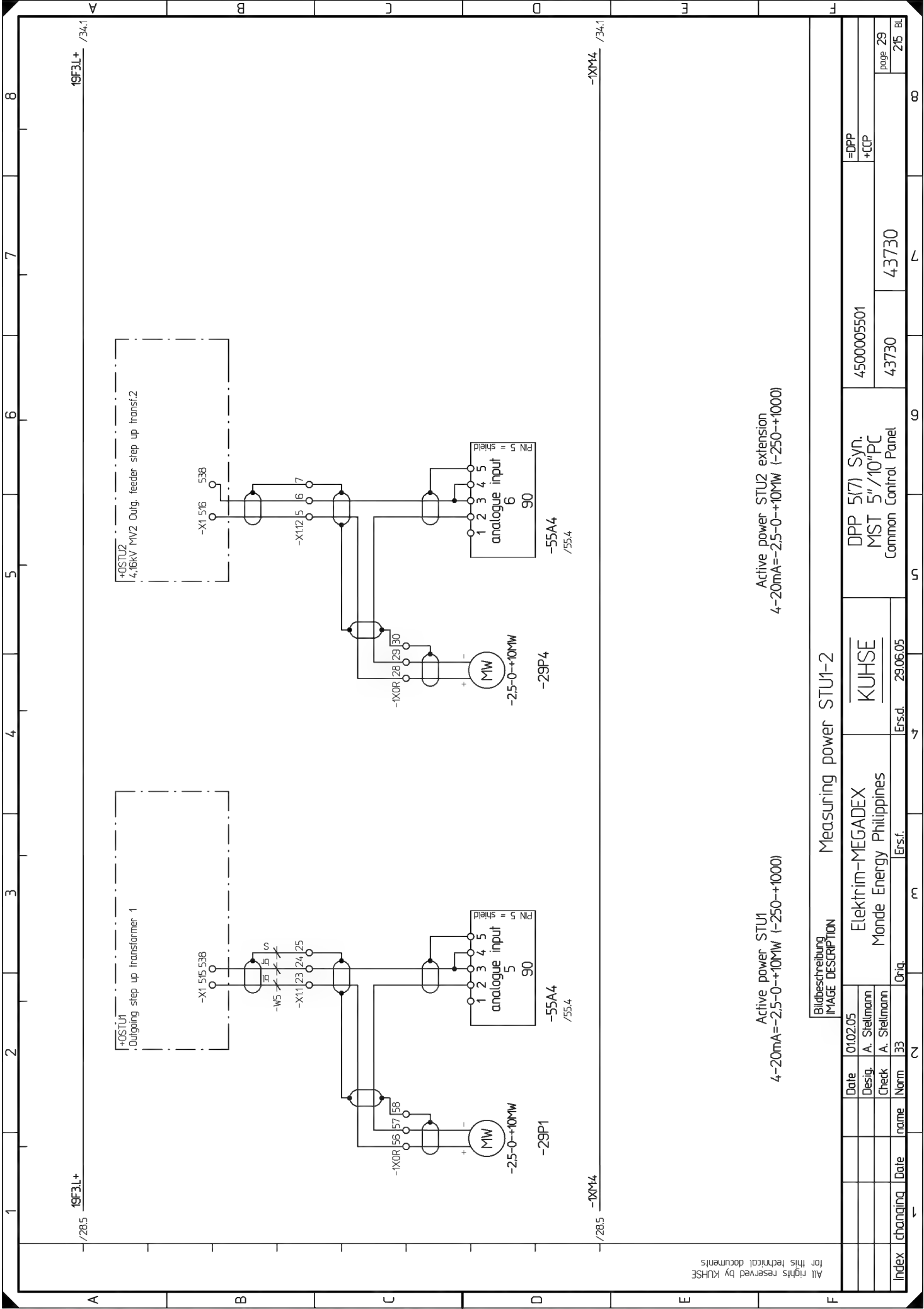
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Bildbeschreibung IMAGE DESCRIPTION		Earth fault protection busbar CAT1-3									
Index	changing	Date	name	Norm	33	Orig.	Ers.f.		Ers.d.		29.06.05
							Elektrim-MEGADEX		KUHSE		
							Monde Energy Philippines		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel		
								4500005501		=DPP +CCP	
								43730		43730	
										page 27	
										215 BL	



Earth fault protection busbar ST1/2

[illegible]



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Bildbeschreibung IMAGE DESCRIPTION		Measuring power STU1-2			
Index	changing	Date	0102.05	Elektrim-MEGADEX	
		Desig.	A. Stelmann	Monde Energy Philippines	
		Check	A. Stelmann	KUHSE	
		Norm	33	Ers.f.	
Date		29.06.05		Ers.d.	
name		DPP 5(7) Syn.		4500005501	
Date		43730		43730	
name		MST 5" /10"PC		Common Control Panel	
Date		43730		43730	
name		=DPP		+CCP	
Date		page 29		215 BL	

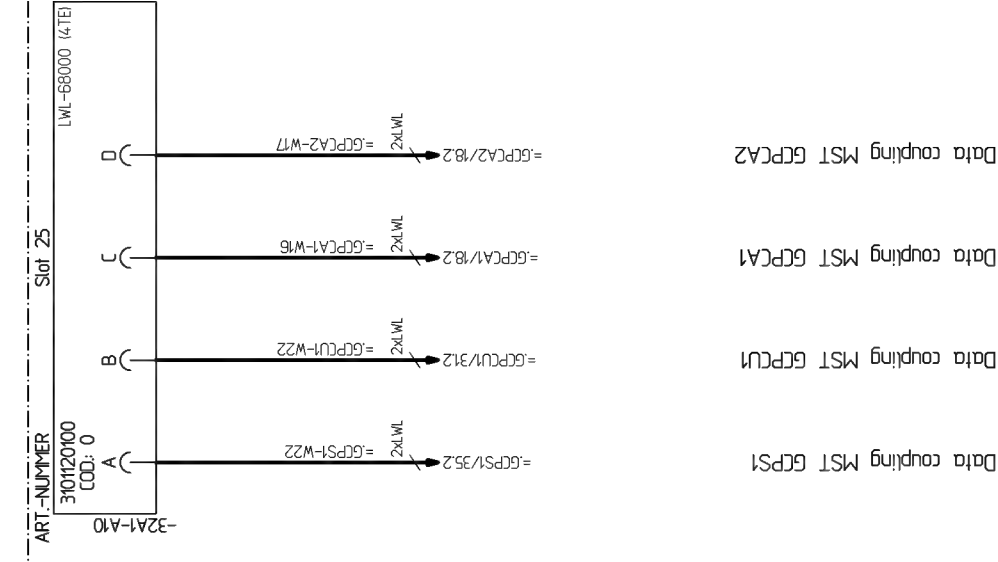
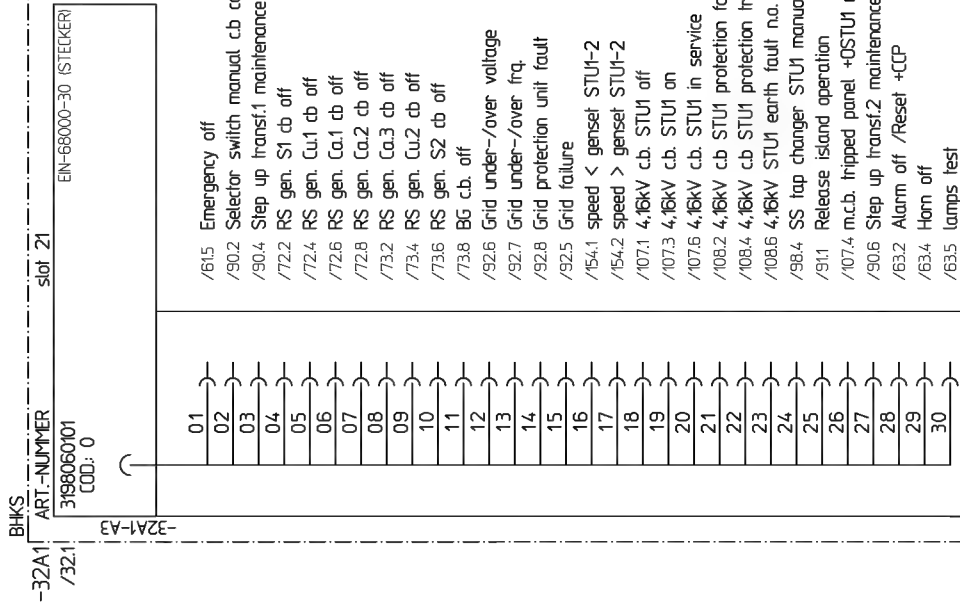






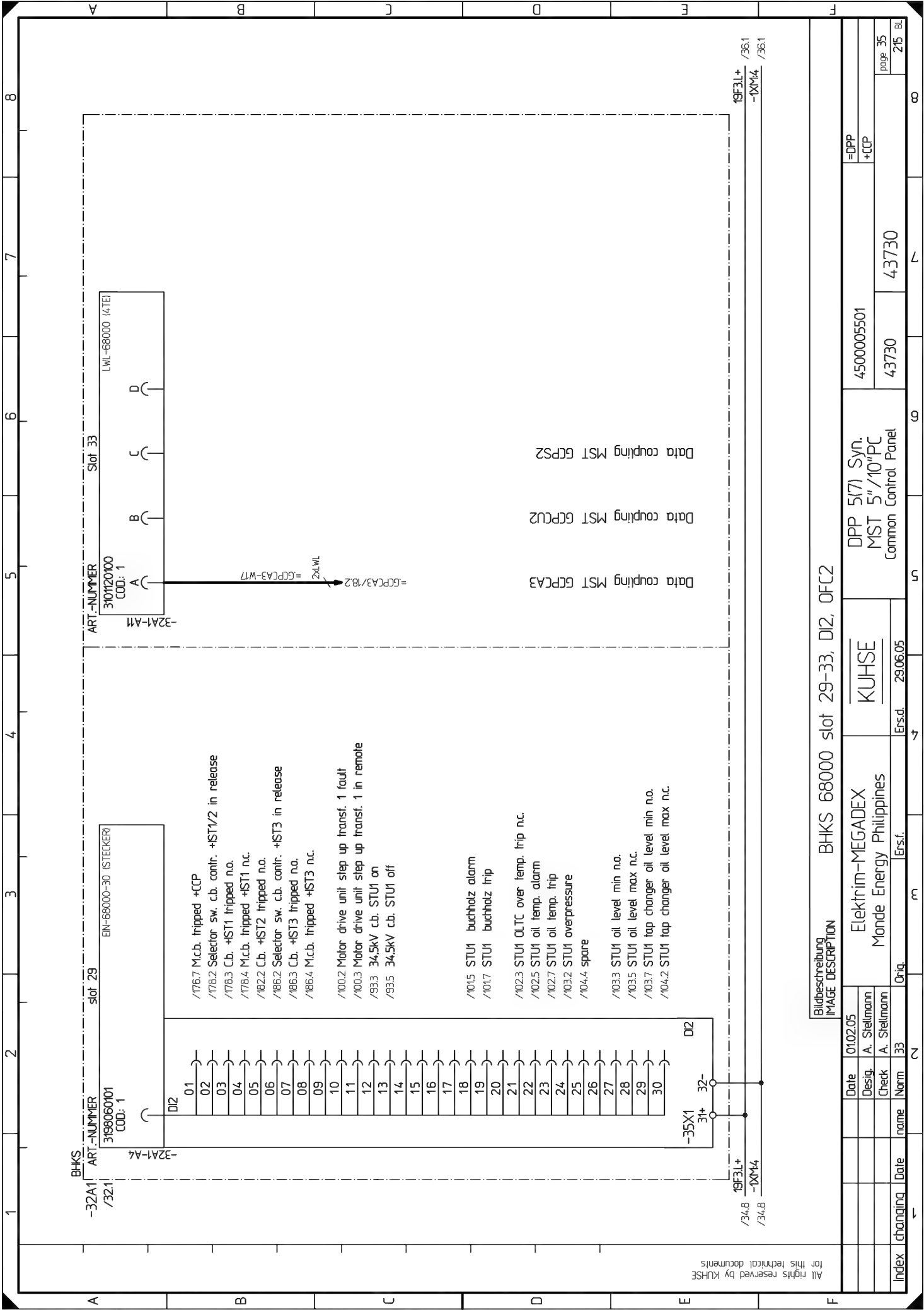


[illegible]



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Bildbeschreibung IMAGE DESCRIPTION				BHKS 68000 slot 21-25, DI1, OFC1			
Elektrim-MEGADEX Monde Energy Philippines		KUHSE		DPP 5(7) Syn. MST 5"/10"PC Common Control Panel		450005501	
Date	0102.05	Desig.	A. Stelmann	Check	A. Stelmann	Norm	33
Index	changing	Date		Ordg.	Ersd.	29.06.05	
=DPP		+CCP		43730		43730	
page 34						215 BL	



Bildbeschreibung IMAGE DESCRIPTION		BHKS 68000 slot 29-33, D12, OFC2							
Elektrim-MEGADEX Monde Energy Philippines		KUHS		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel		4500005501		=DPP +CCP	
Date	0102.05	Desig.	A. Stelmann	Check	A. Stelmann	Norm	33	Orig.	
Index	changing	Date							
43730		43730		43730		43730		43730	
page 35		215		BL					











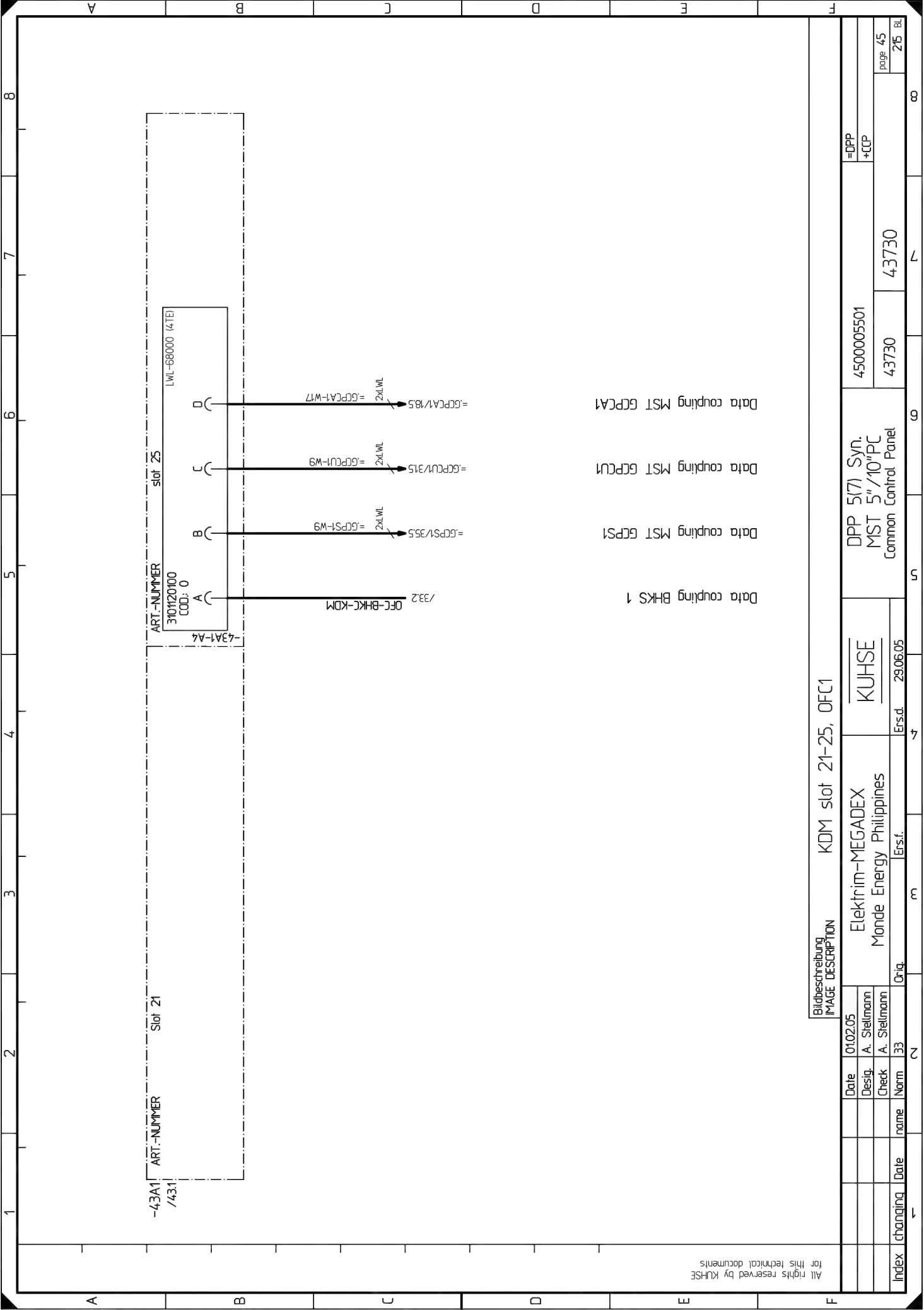




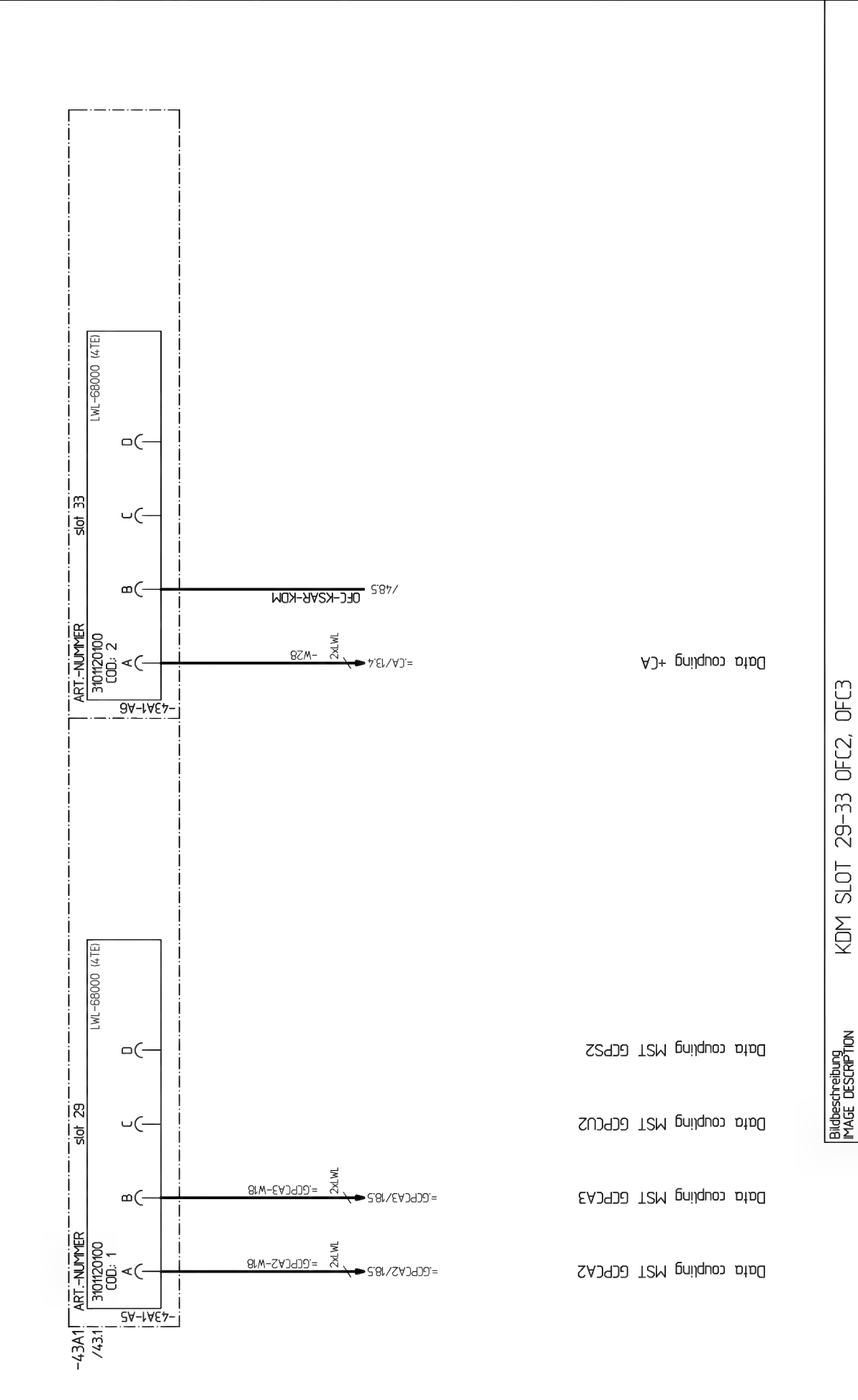
All rights reserved by KUHSE for this technical documents										Bildbeschreibung IMAGE DESCRIPTION										spare									
Index	changing	Date	name	Date	Norm	Check	Desig.	Date	0102.05	A. Stellmann	A. Stellmann	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	43730	43730	=DPP +CCP	page 42	215 BL									
																					Orig.	Ers.f.	Ersd.	29.06.05					



[illegible]



Bildbeschreibung IMAGE DESCRIPTION		KDM slot 21-25, OFC1		DPP 5(7) Syn. MST 5"/10"PC Common Control Panel		4500005501	=DPP +CCP
Date	0102.05	Elektrim-MEGADEX		KUHSE		43730	43730
Desig.	A. Stelmann	Monde Energy Philippines		Ers.d. 29.06.05		page 45	
Check	A. Stelmann	Orig.		Ers.f.		215 BL	
Index	changing	Date	name	Norm	33		



Data coupling MST GPCU2

Data coupling MST GPCU2

[illegible]

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Bildbeschreibung IMAGE DESCRIPTION															
KDM SLOT 37-41															
Date		0102.05		Elektrim-MEGADEX		KUHSE		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel		4500005501		=DPP +CCP			
Check		A. Stelmann		Monde Energy Philippines		Ers.f.		Ers.d.		43730		43730		page 47	
Index		changing		Date		name		Norm		33		215		BL	

[illegible]





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Bildbeschreibung IMAGE DESCRIPTION															
KDM slot 61-65															
Date		0102.05		Elektrim-MEGADEX		KUHSE		DPP 5(7) Syn.		4500005501		=DPP			
Check		A. Stelmann		Monde Energy Philippines		Ers.d.		29.06.05		43730		+CCP			
Index		changing		Date		name		Norm		33		Orig.		m	
←		→		↖		↗		↘		↙		↕		↔	
page 50		215		BL											

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Bildbeschreibung IMAGE DESCRIPTION															
KDM slot 69-73															
Date		0102.05		Elektrim-MEGADEX		KUHSE		DPP 5(7) Syn. MST 5"/10"PC Common Control Panel		4500005501		=DPP +CCP			
Check		A. Stelmann		Monde Energy Philippines		Ers.f.		Ers.d.		43730		43730		page 51	
Index		changing		Date		name		Norm		33		215		BL	

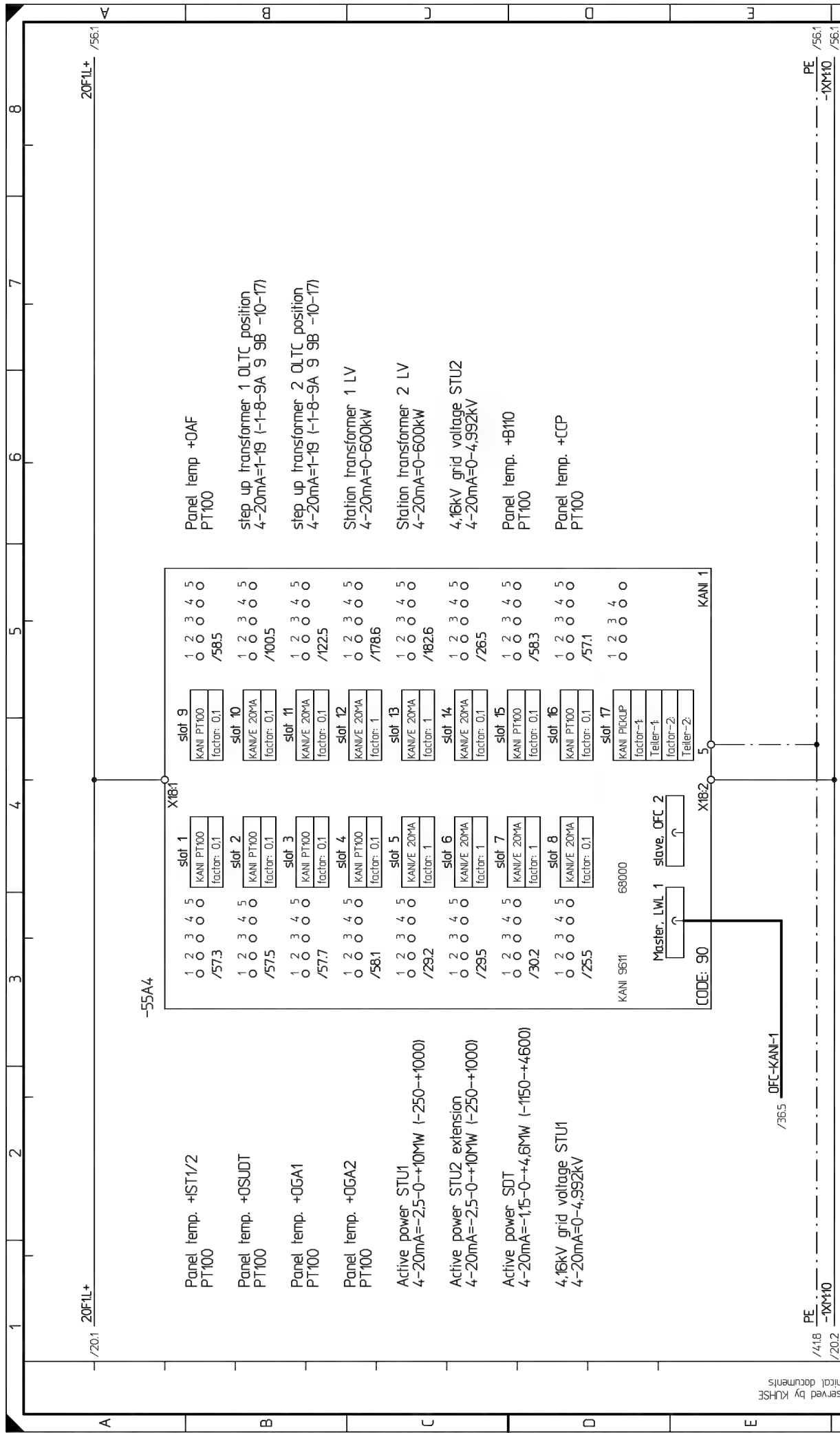
KDM slot 69-73

Date		0102.05		Elektrim-MEGADEX		KUHSE		DPP 5(7) Syn. MST 5"/10"PC Common Control Panel		4500005501		=DPP +CCP			
Check		A. Stelmann		Monde Energy Philippines		Ers.f.		Ers.d.		43730		43730		page 51	
Index		changing		Date		name		Norm		33		215		BL	





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Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	43730	43730	=DPP +CCP	page 54	215 BL													
																	Date	0102.05	Desig.	A. Stellmann	Check	A. Stellmann							



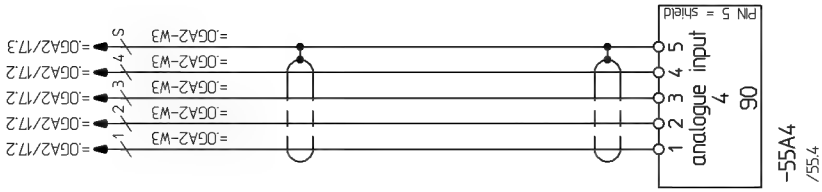
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All for Index	Bildbeschreibung IMAGE DESCRIPTION		analogue coupling module 1	
	Date 01.02.05	Desig. A. Stellmann	Elektirim-MEGADEX Monde Energy Philippines KUHSE	
	Check	A. Stellmann		
Index	changing	Date	name	Orig.
				Ers.f.
				Ers.d.
				29.06.05
				43730
				4500005501
				=DPP +CCP
				page 55
				215 BL



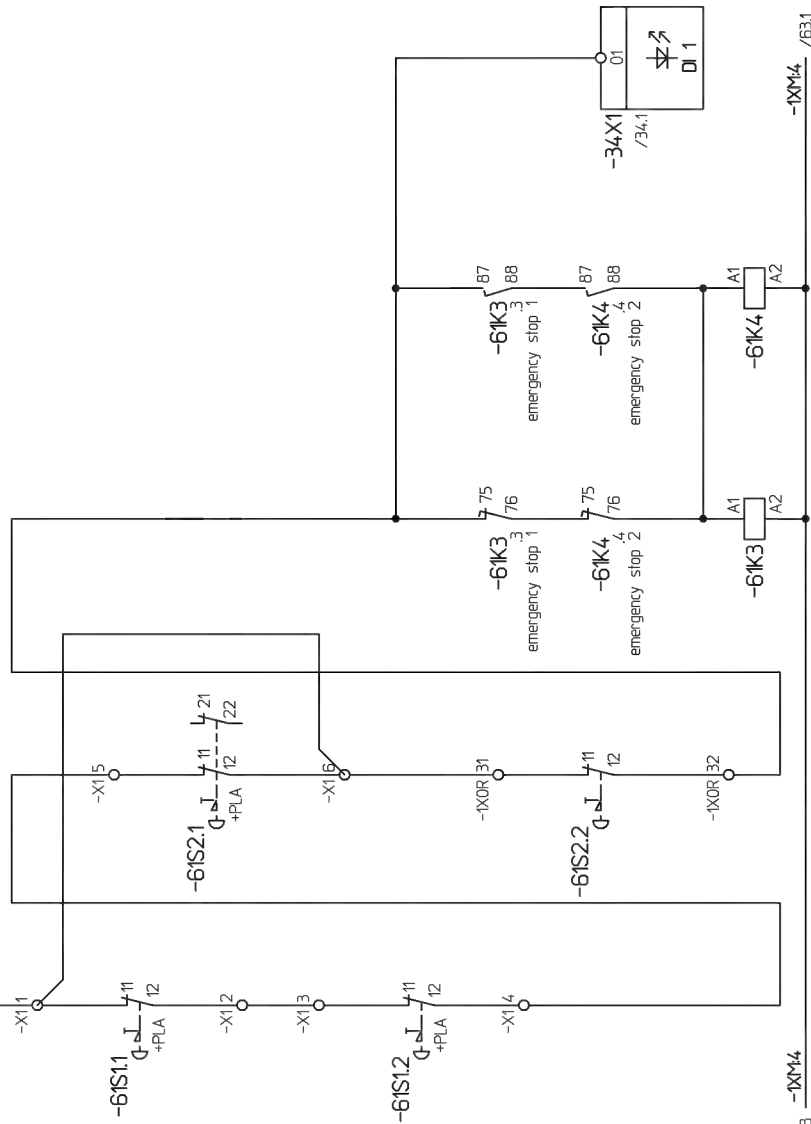
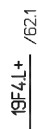




Panel temp. +0GA2  
PT100[illegible]



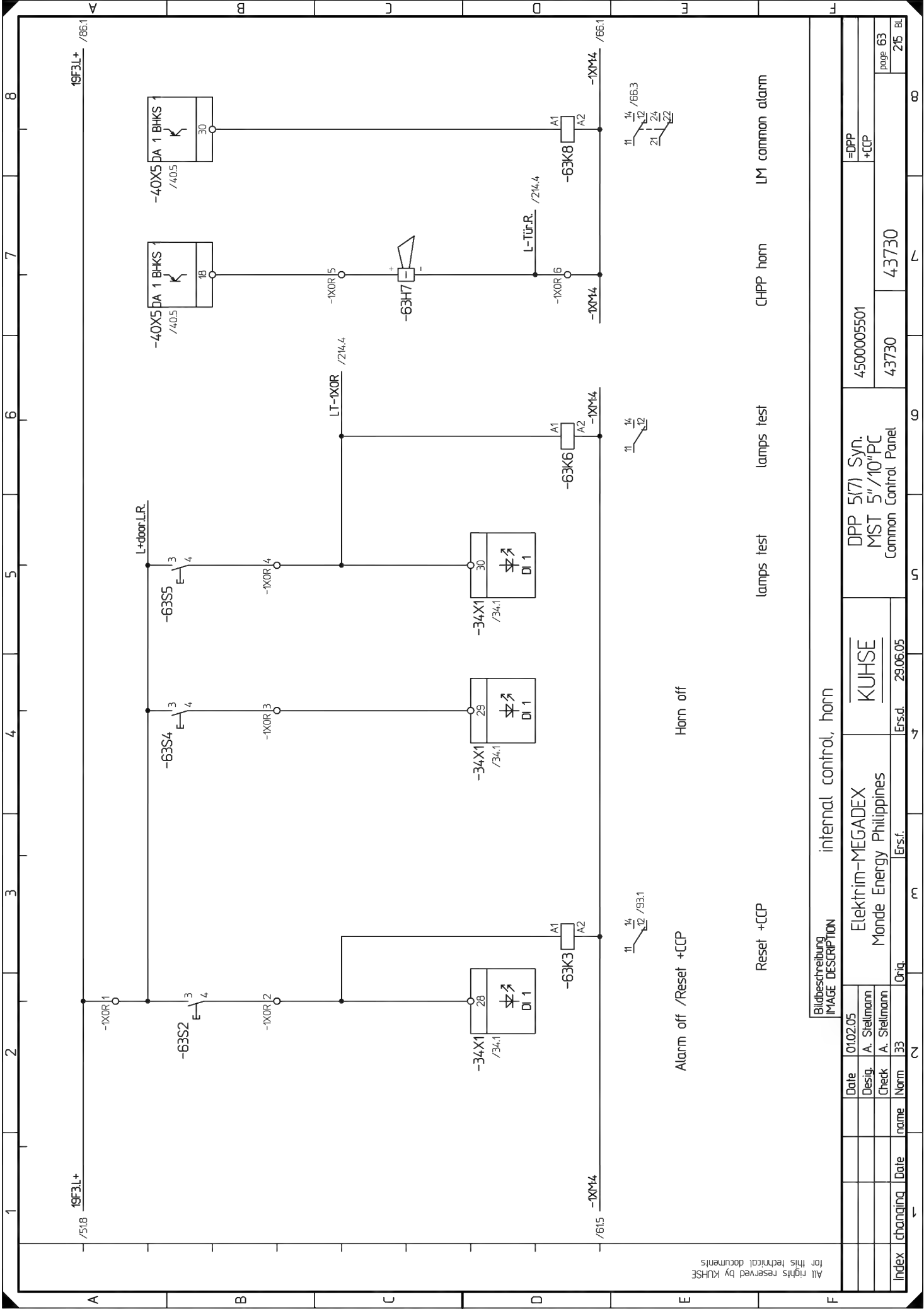
All rights reserved by KUHSE for this technical documents										Bildbeschreibung IMAGE DESCRIPTION										Spare									
Index	changing	Date	name	Date	Norm	Check	Desig.	Date	0102.05	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	43730	43730	=DPP +CCP	page 60	215 BL											
																			Orig.	Ersd.	Ersf.								

[illegible]

Emergency off	emergency off	emergency off	Emergency off
emergency off	emergency off	emergency off	Emergency off
If no emergency off – plant connected, install jumpers	emergency off	emergency off	Emergency off

[illegible]





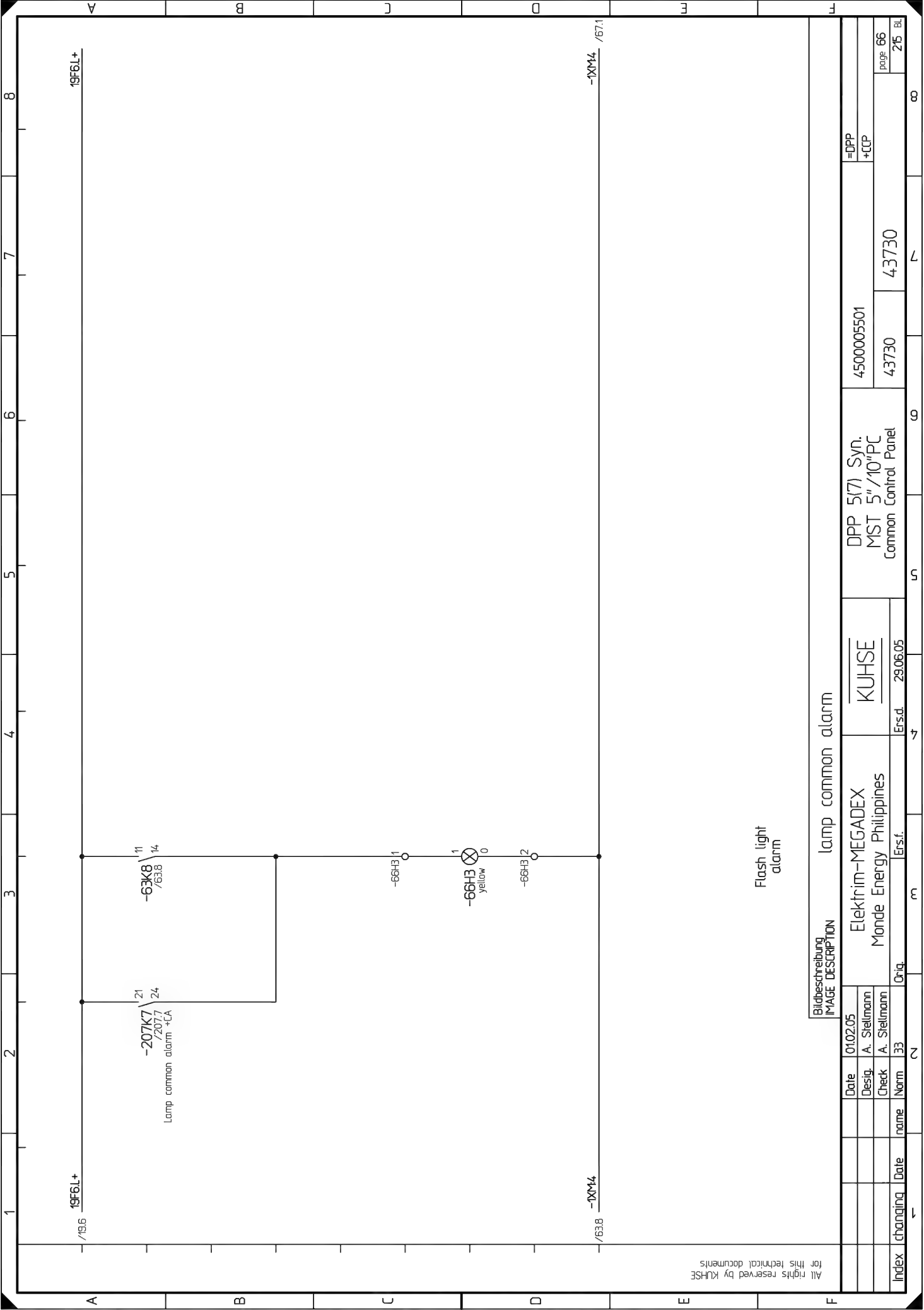
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Bildbeschreibung IMAGE DESCRIPTION		internal control, horn	
Date	0102.05	Elektrim-MEGADEX	
Desig.	A. Stelmann	Monde Energy Philippines	
Check	A. Stelmann	KUHSE	
name	33	Orig.	Ers.f.
Date		Erst.d.	29.06.05
changing		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel	
		4500005501	=DPP +CCP
		43730	43730
		page 63	
		215 BL	

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Index	changing	Date	name	Date	Norm	Check	Desig.	Date	0102.05	A. Stellmann	A. Stellmann	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	43730	43730	=DPP +CCP	page 64	215 BL									
																					Orig.	Ersd.	Ersf.						







Index

changing

Date

name

Norm

33

Orig.

Ers.f.

29.06.05

KUHSE

DPP 5(7) Syn.  
MST 5" /10"PC  
Common Control Panel

4500005501

43730

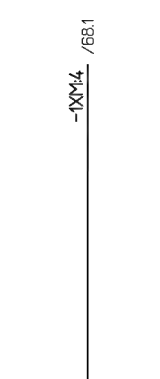
43730

page 66

215 BL

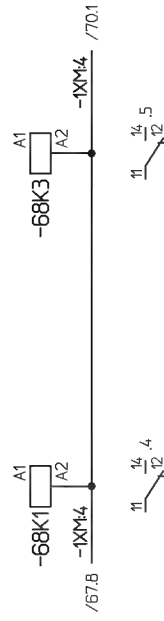
Bildbeschreibung  
IMAGE DESCRIPTION

lamp common alarm



common alarm	+CCP alarm	common alarm	+CCP stop	stop
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[illegible]

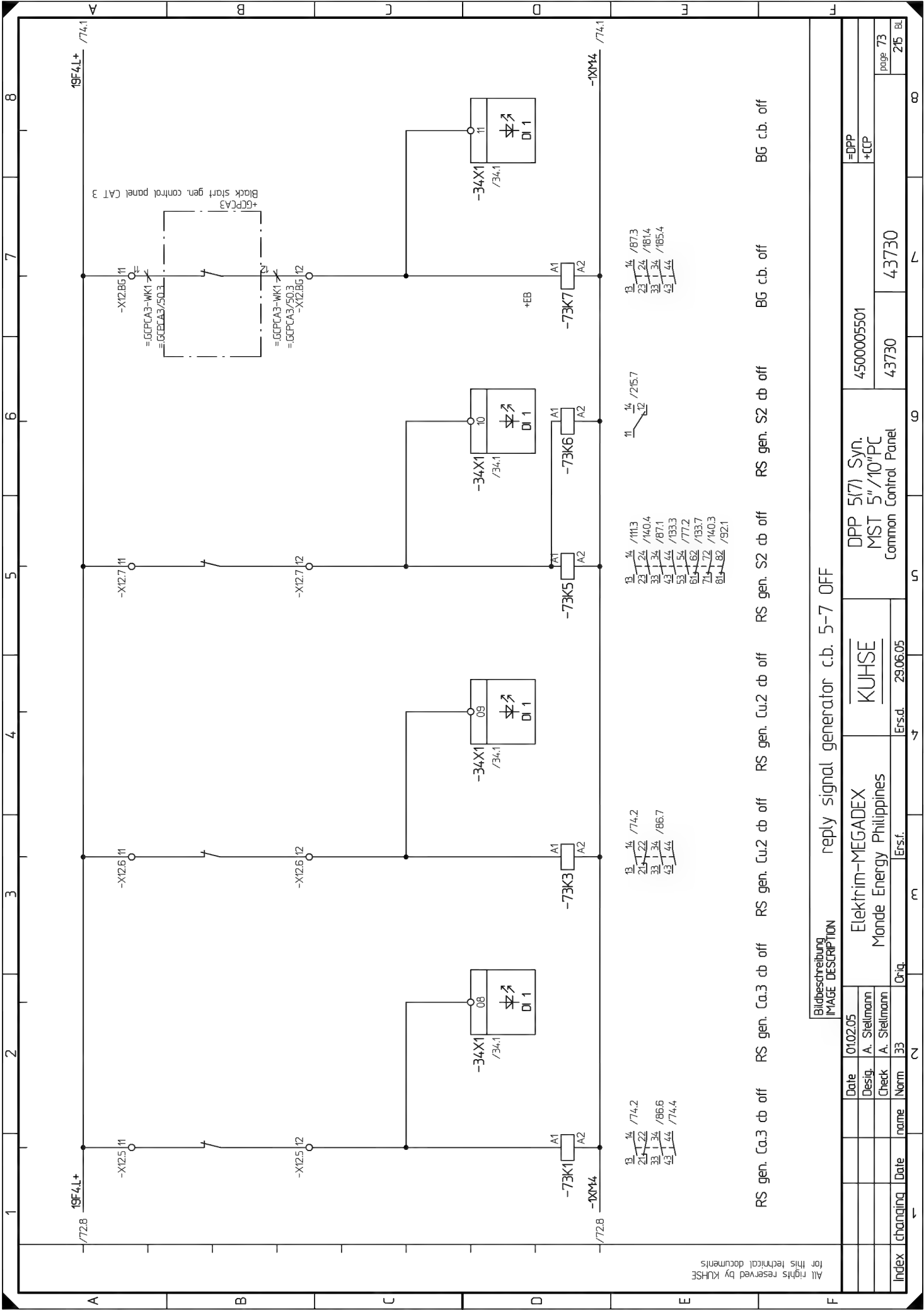




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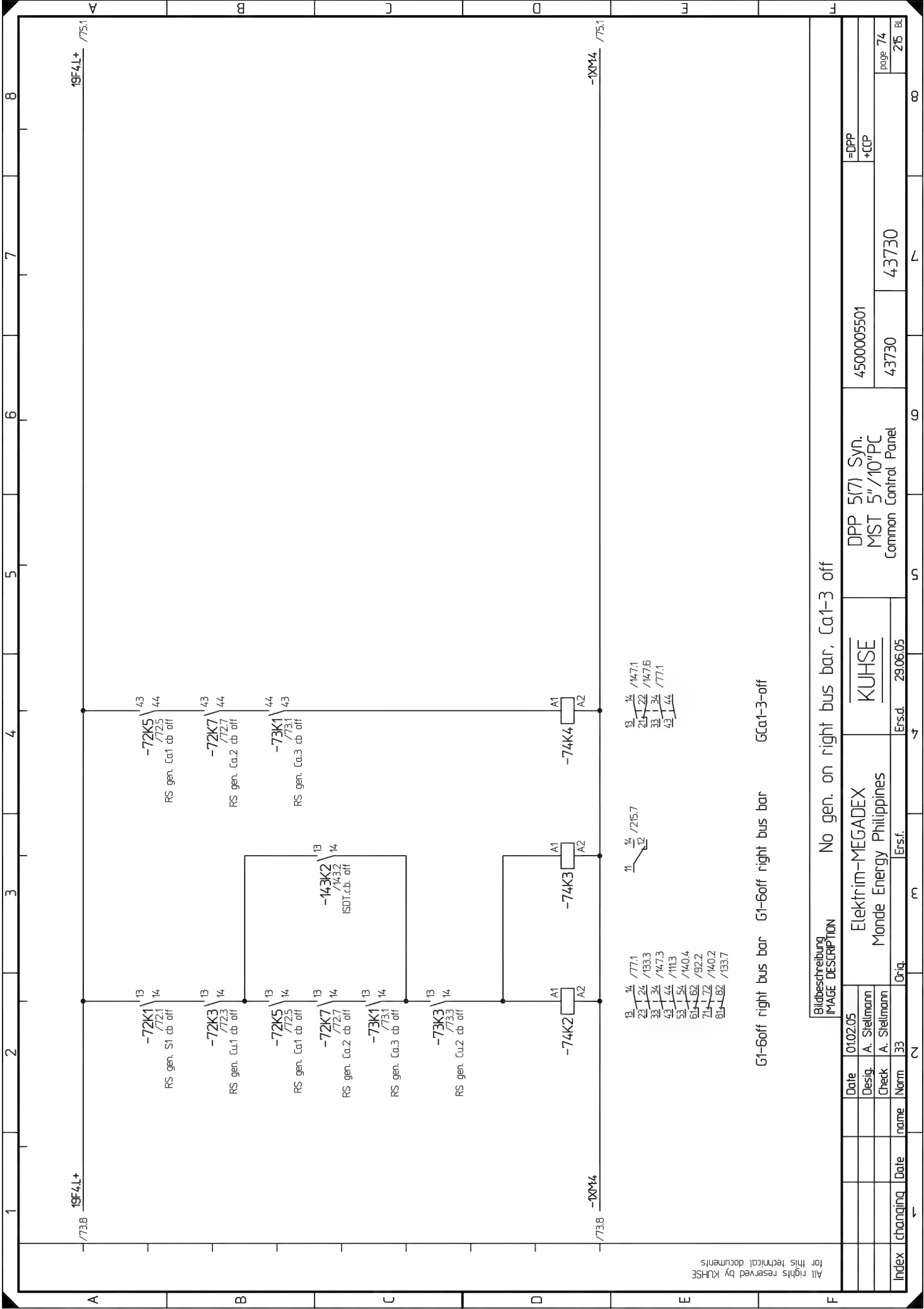






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Bildbeschreibung IMAGE DESCRIPTION		reply signal generator c.b. 5-7 OFF									
Index	changing	Date	name	33	Norm	Check	Desig.	Date	0102.05	Elektrim-MEGADEX	
							A. Stelmann			Monde Energy Philippines	
							A. Stelmann			KUHSE	
				Ers.f.		Ers.d.		29.06.05		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel	
										4500005501	
										43730	
										43730	
										=DPP +CCP	
										page 73	
										215 BL	



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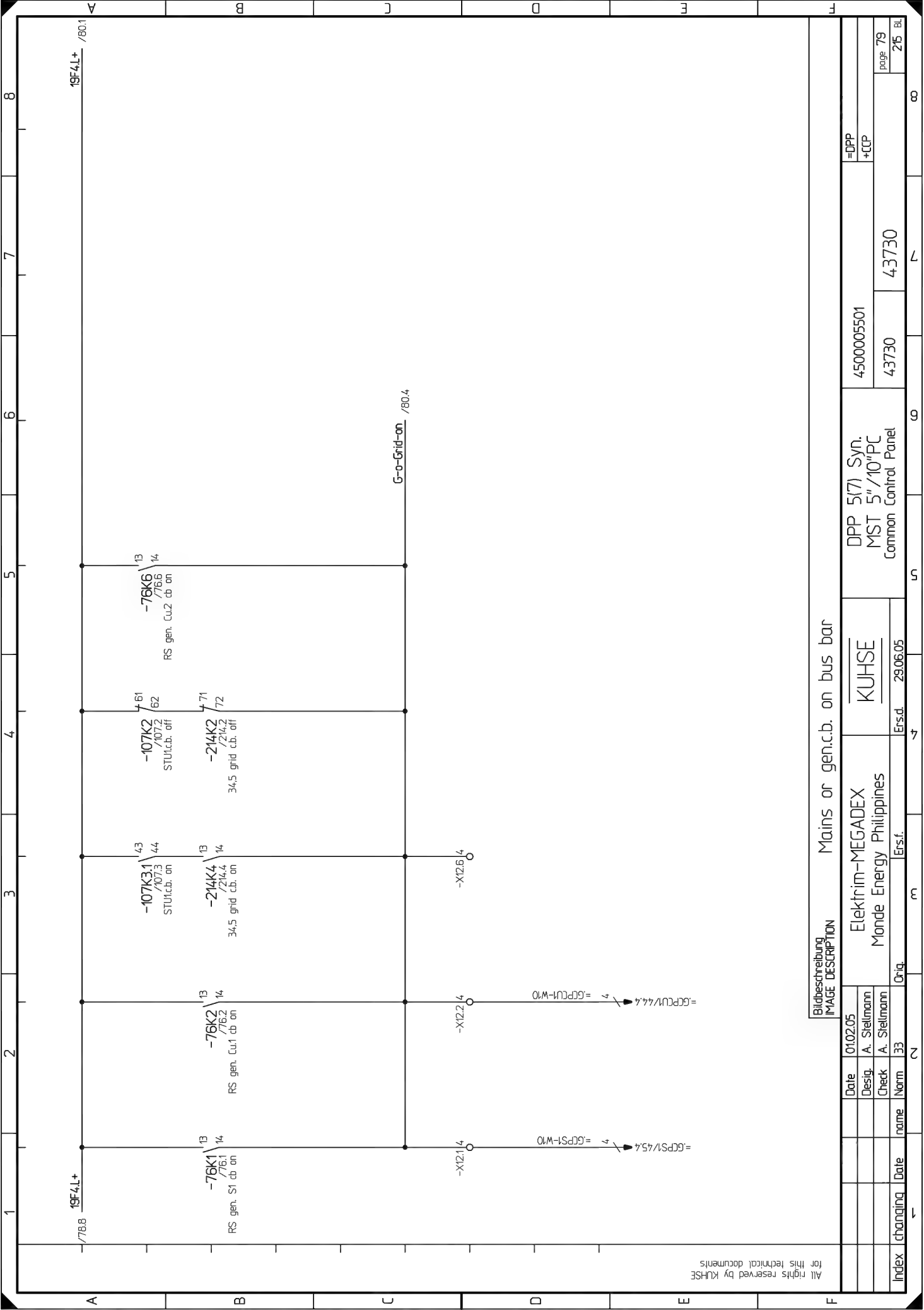
Bildbeschreibung IMAGE DESCRIPTION		No gen. on right bus bar, Ca1-3 off									
Elektrim-MEGADEX		KUHSE		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel		4500005501		=DPP +CCP			
Monde Energy Philippines		Ers.f.		29.06.05		43730		43730		page 74	
Index changing		Date		Norm		33		Orq		215 BL	



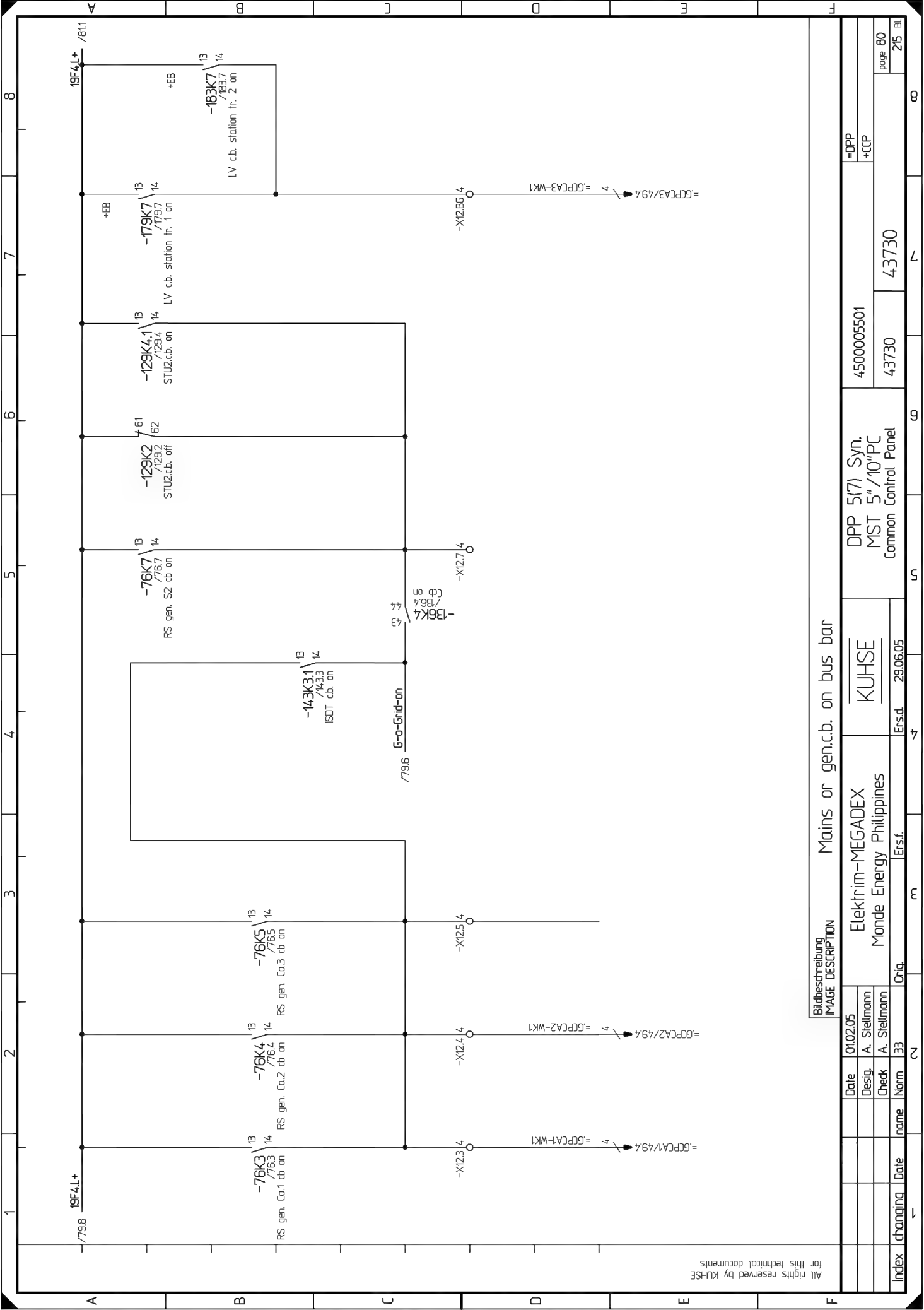




All for	Bildbeschreibung IMAGE DESCRIPTION																		spare																	
					Date	0102.05	Elektrim-MEGADEX				KUHSE				DPP 5(7) Syn. MST 5"/10"PC Common Control Panel				4500005501				=DPP +CCP													
					Desig.	A. Stellmann																														
					Check	A. Stellmann																														
Index	changing	Date	name	Norm	33	Orig.	Ers.f.			Ers.d.	29.06.05					43730				43730								page 78								
																												215 BL								
																													8							



Bildbeschreibung IMAGE DESCRIPTION		Mains or gen.cb. on bus bar									
Index	changing	Date									
		Date	0102.05	Elektrim-MEGADEX		KUHSE		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel		4500005501	=DPP
		Check	A. Stelmann	Monde Energy Philippines						43730	+CCP
		Norm	33	Orig.	Ers.f.	Ers.d.	29.06.05	43730		43730	
page 79		215 BL									



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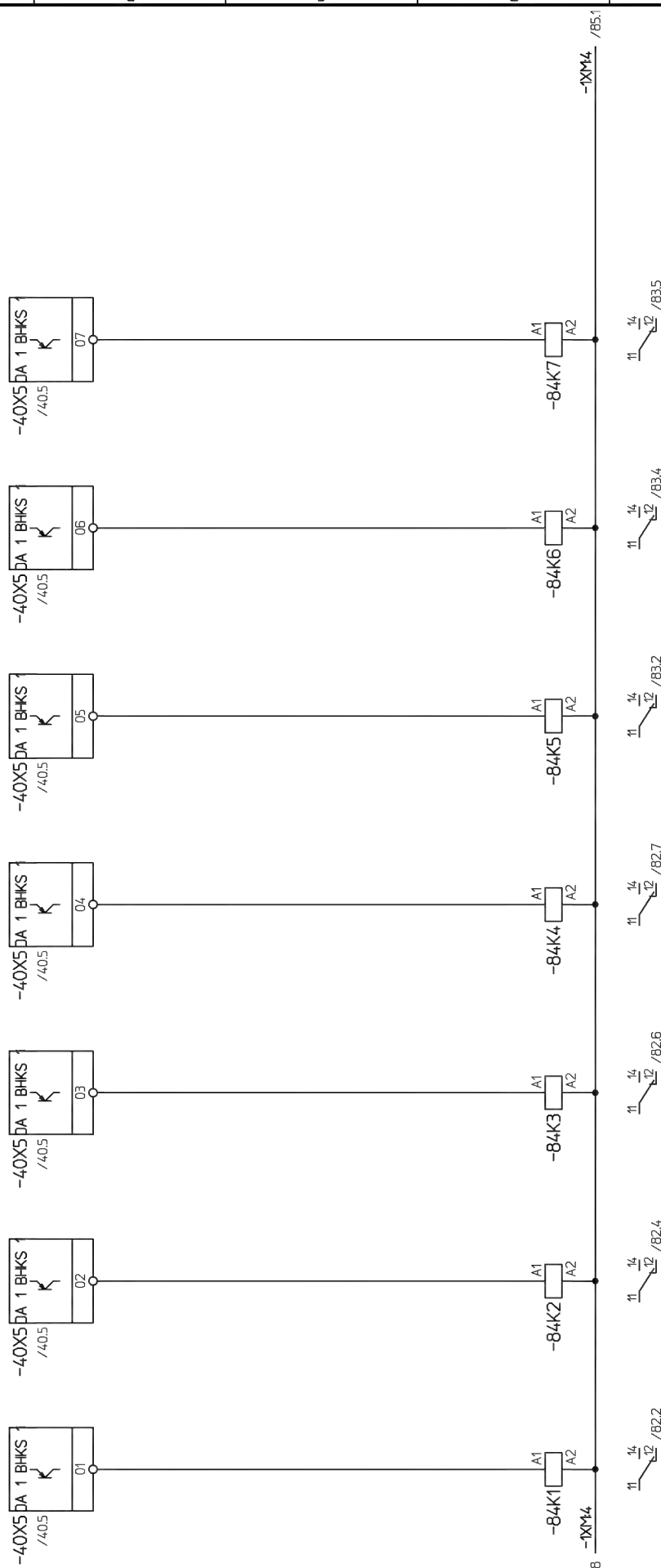
Bildbeschreibung IMAGE DESCRIPTION		Mains or gen.c.b. on bus bar			
Index	changing	Date	0102.05	Elektrim-MEGADEX	
		Desig.	A. Stelmann	Monde Energy Philippines	
		Check	A. Stelmann	KUHSE	
		Norm	33	Ersd. 29.06.05	
DPP 5(7) Syn. MST 5" /10"PC Common Control Panel		4500005501		43730	
=DPP +CCP		43730		43730	
page 80		215		BL	







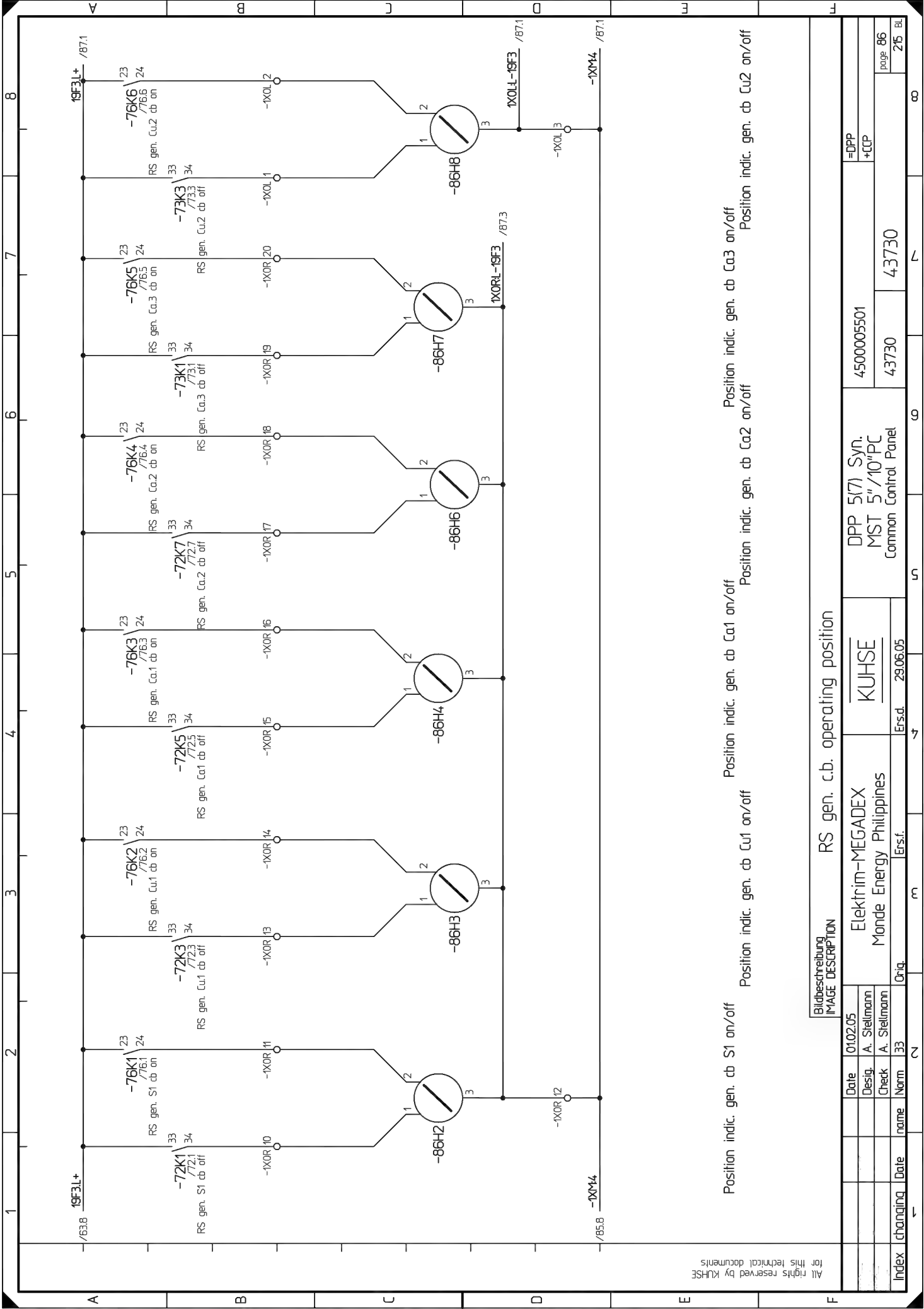




blocking gen. S1 off    blocking gen. Cu1 off    blocking gen. Ca1 off    blocking gen. Ca2 off    blocking gen. Ca3 off    blocking gen. Cu2 off    blocking gen. S2 off

[illegible]





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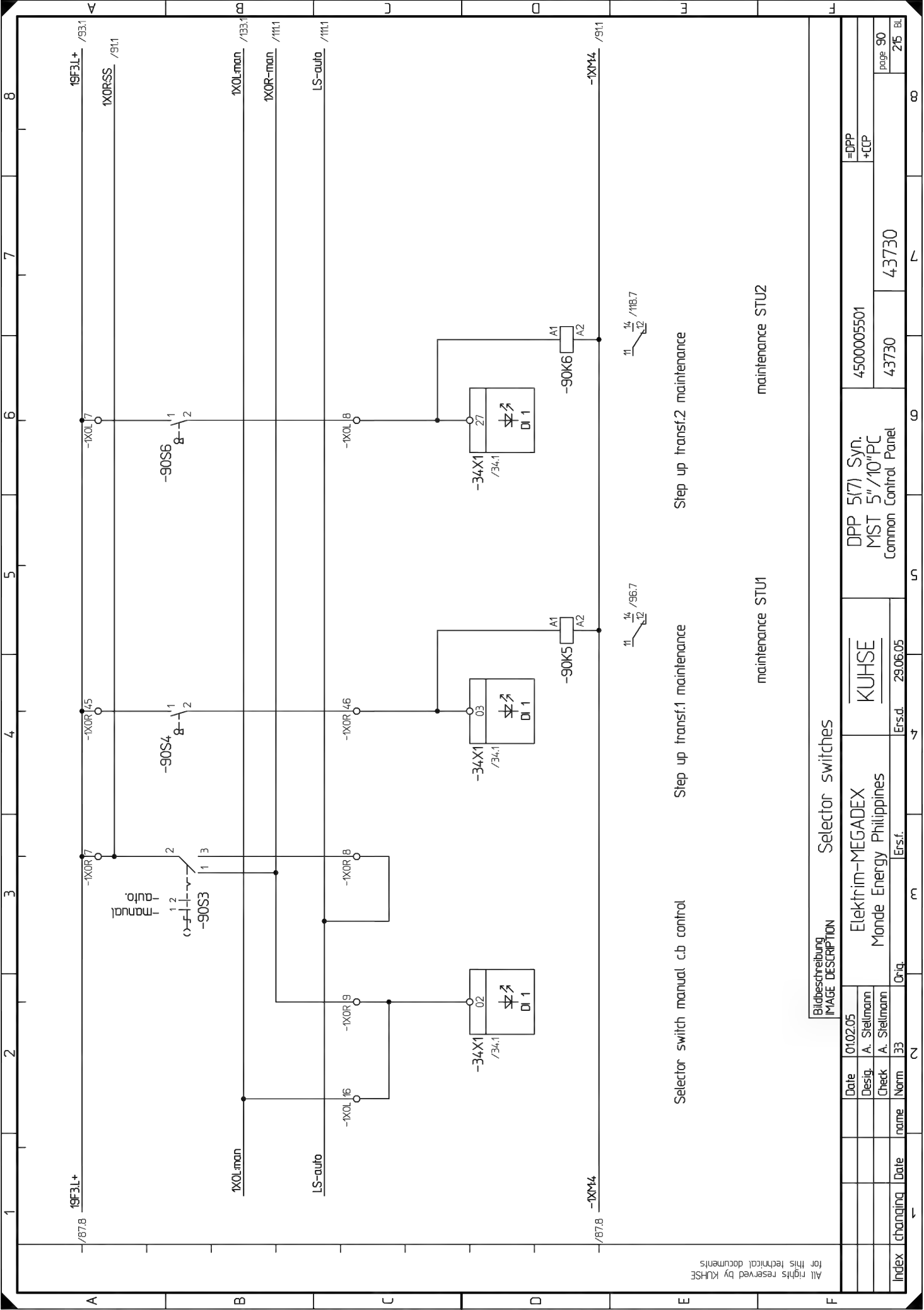
Bildbeschreibung IMAGE DESCRIPTION		RS gen. c.b. operating position	
Elektrim-MEGADEX Monde Energy Philippines		DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	
Date 0102.05		4500005501	
Desig. A. Stelmann		=DPP +CCP	
Check A. Stelmann		43730	
Orig. Ers.f. 29.06.05		43730	
name 33		215 BL	
Index changing Date		page 86	







[illegible]

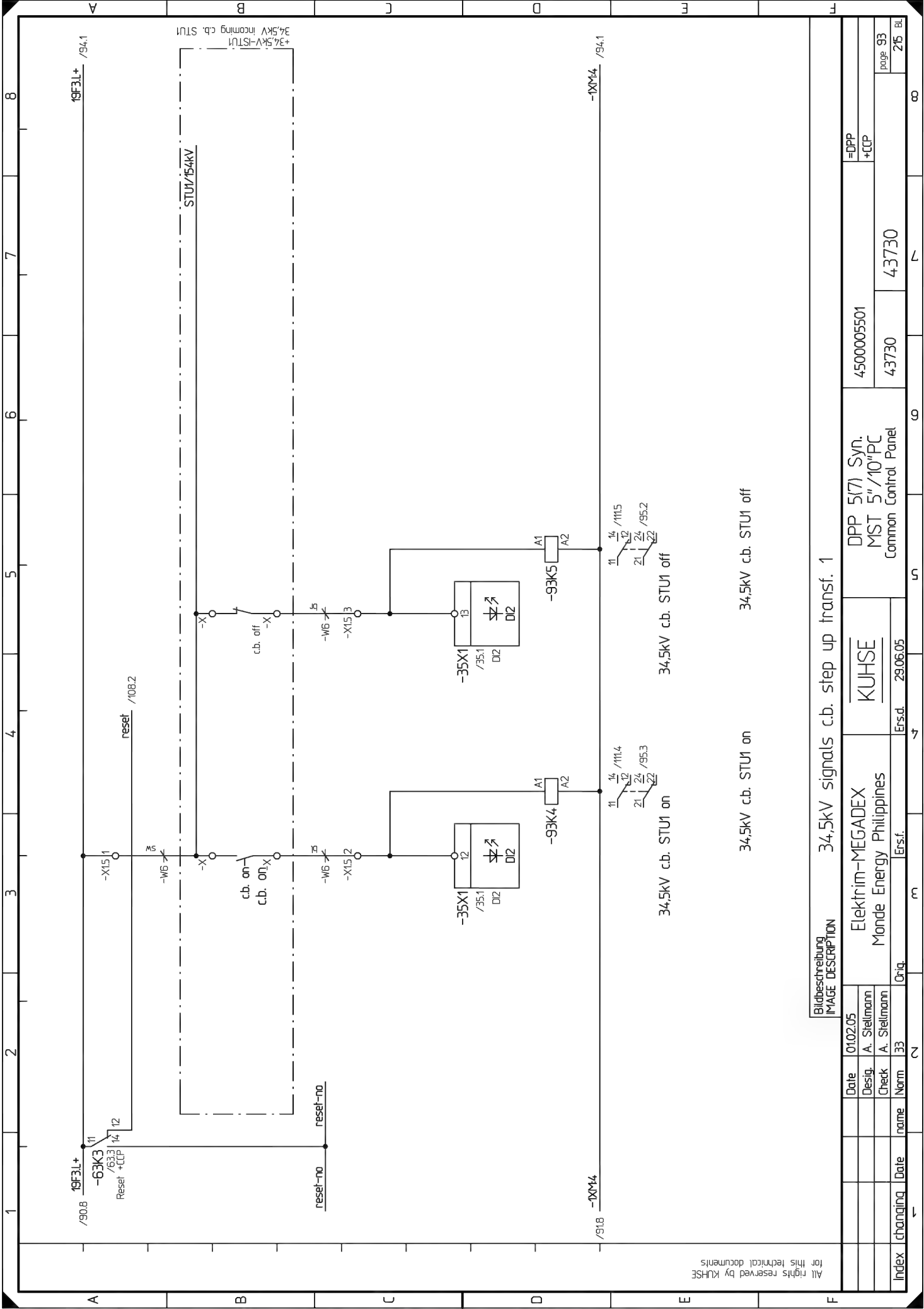


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Bildbeschreibung IMAGE DESCRIPTION		Selector switches	
Index	changing	Date	0102.05
		Desig.	A. Stelmann
		Check	A. Stelmann
		Norm	33
		Orig.	
		Ers.f.	29.06.05
		Ers.d.	
		KUHSE	
		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel	
		4500005501	
		=DPP +CCP	
		43730	
		43730	
		page 90	
		215 BL	



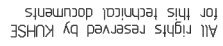




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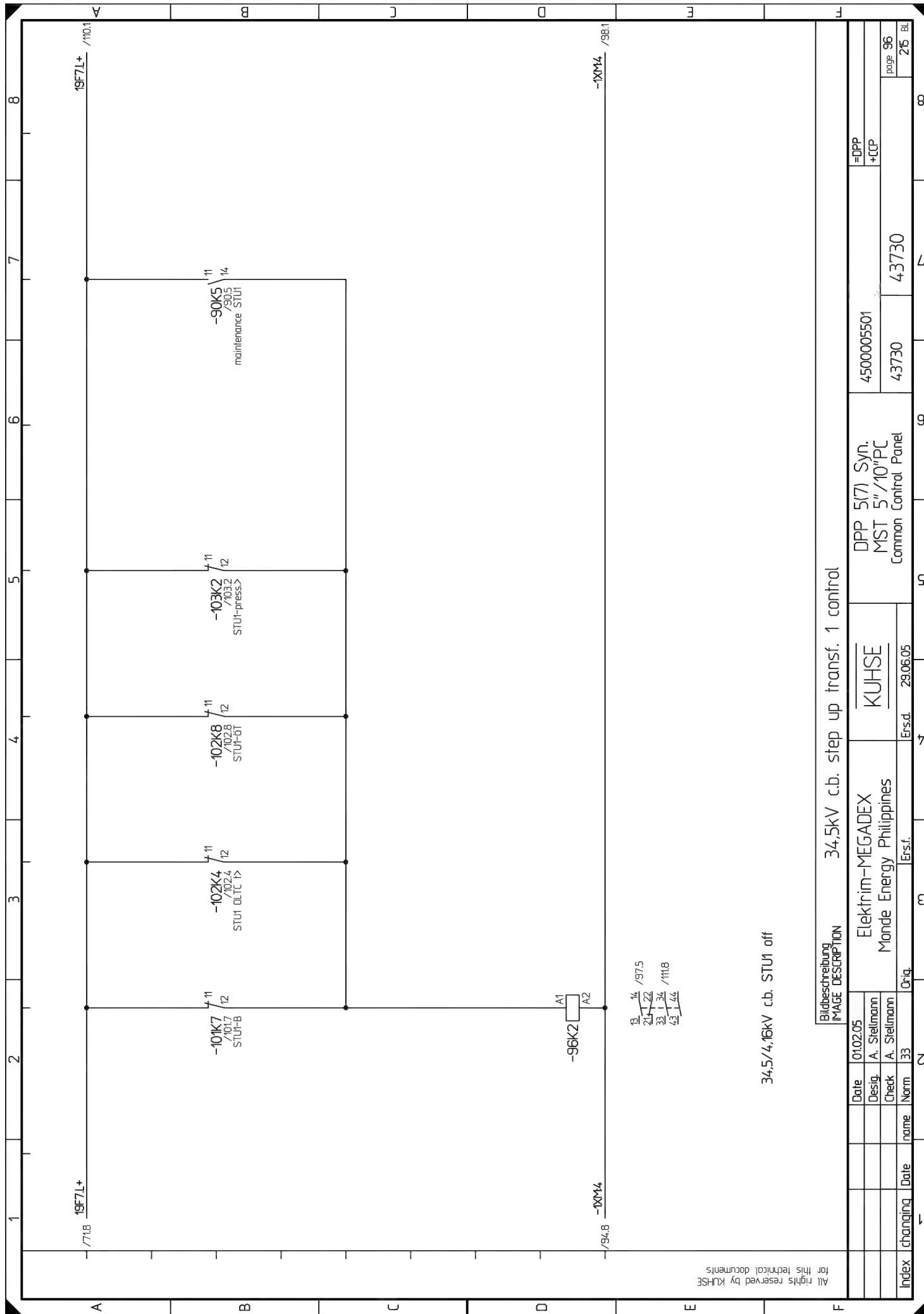
Bildbeschreibung IMAGE DESCRIPTION		34,5kV signals c.b. step up transf. 1		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel		4500005501		=DPP +CCP	
Date	0102.05	Desig.	A. Stelmann	Check	A. Stelmann	Norm	33	Orig.	Ers.f.
Index	changing	Date							
Ers.d.		29.06.05		KUHSE		43730		43730	
page 93		215 BL							

[illegible]



34,5kV c.b. step up transf. 1 indication

[illegible]



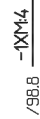
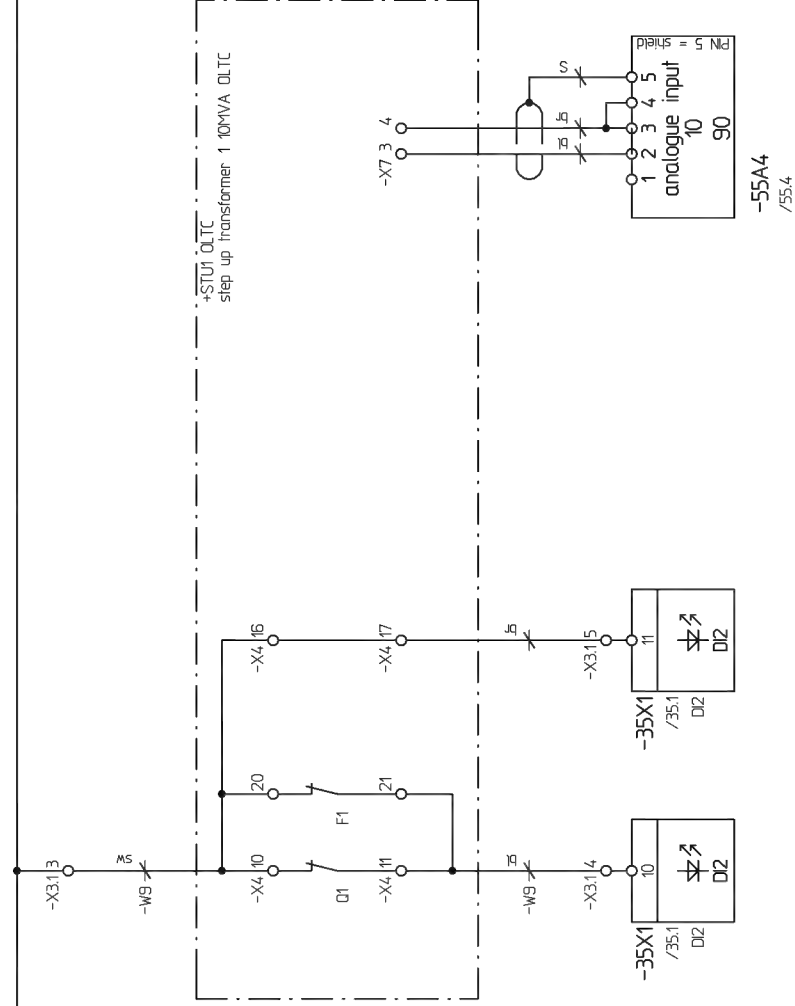
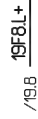
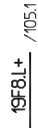
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step up transformer 1 OLTC position  
4-20mA=1-19 (-1-8-9A 9 9B -10-17)

Motor drive unit step up transf. 1 in remote

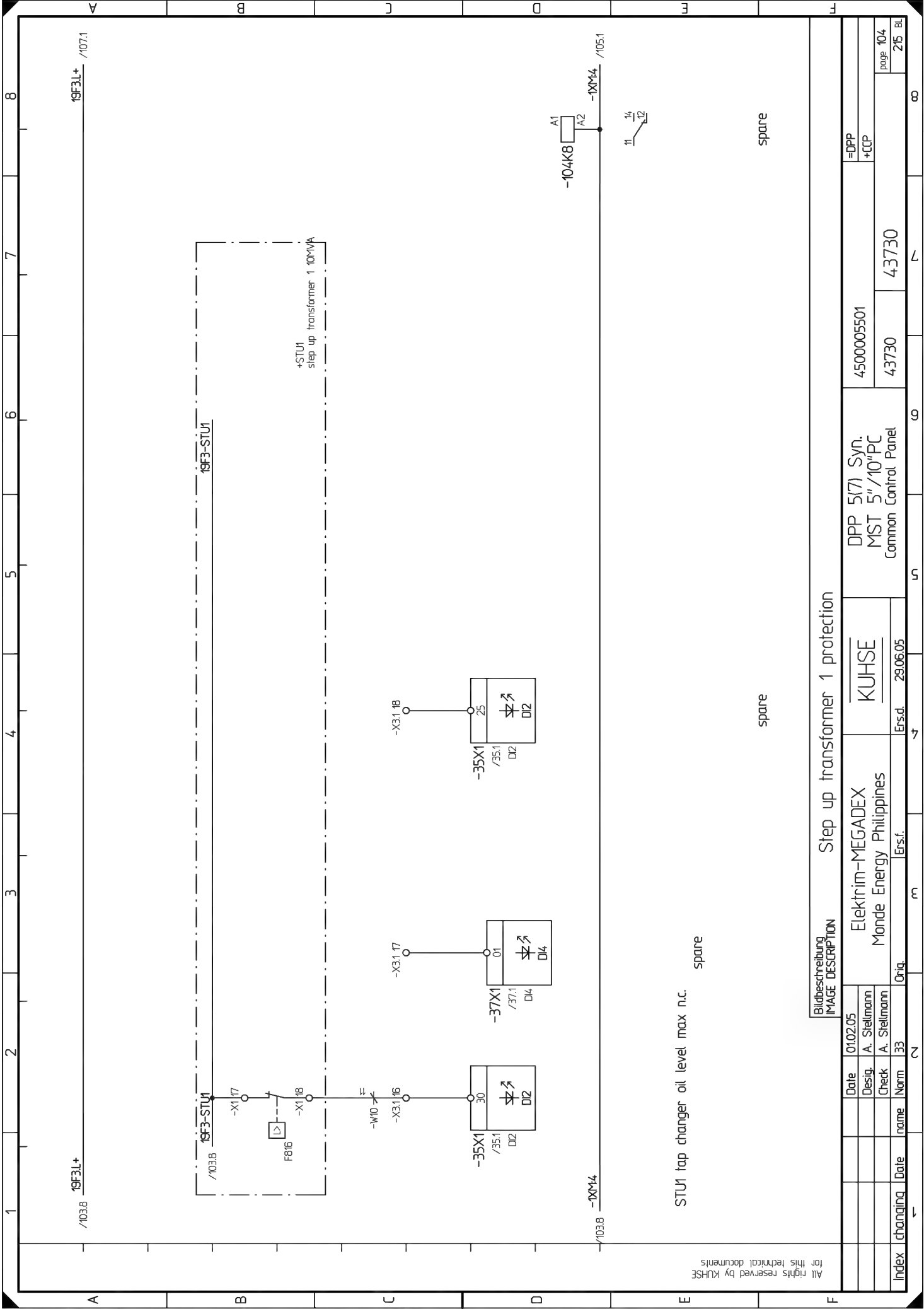
Motor drive unit step up transf. 1 fault

[illegible]





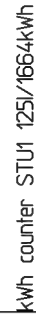




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Bildbeschreibung IMAGE DESCRIPTION		Step up transformer 1 protection									
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d.	29.06.05	KUHSE	
		Desig.	A. Stelmann	Check	A. Stelmann	Elektrim-MEGADEX Monde Energy Philippines		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel			4500005501
										43730	43730
		Date	0102.05							=DPP +CCP	
										page 104 215 BL	





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[illegible]















[illegible]



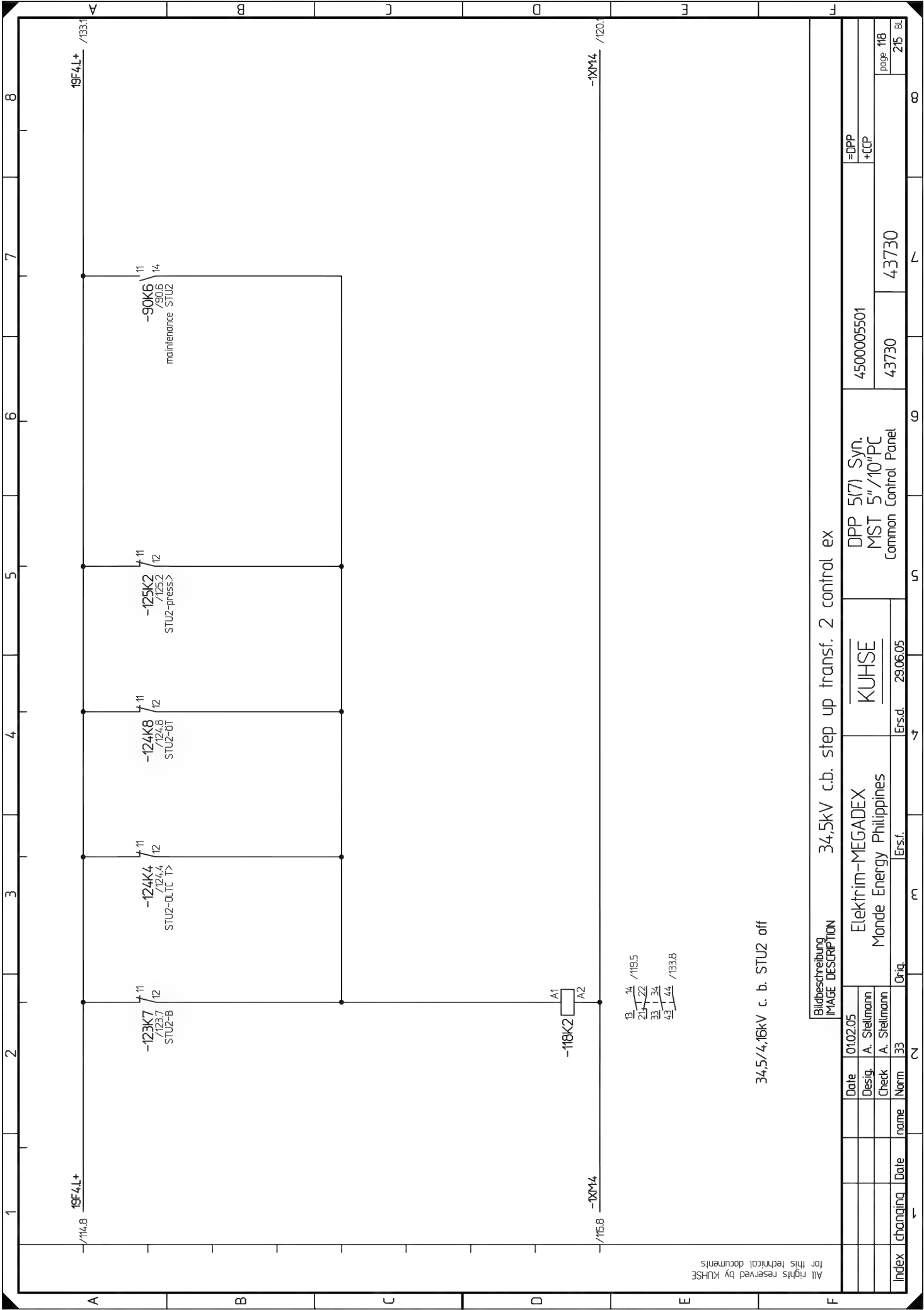






34,5kV c.b. step up transf. 2 indication

[illegible]



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Bildbeschreibung IMAGE DESCRIPTION		34,5kV c.b. step up transf. 2 control ex									
Index	changing	Date	name	Norm	33	Orig.	Ers.f.		Ers.d.		29.06.05
							Elektrim-MEGADEX		KUHSE		
							Monde Energy Philippines		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel		
								4500005501		=DPP +CCP	
								43730		43730	
										page 118	
										215 BL	



















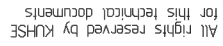
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Indication 4,16kV c.b. step up tr.2 ext.

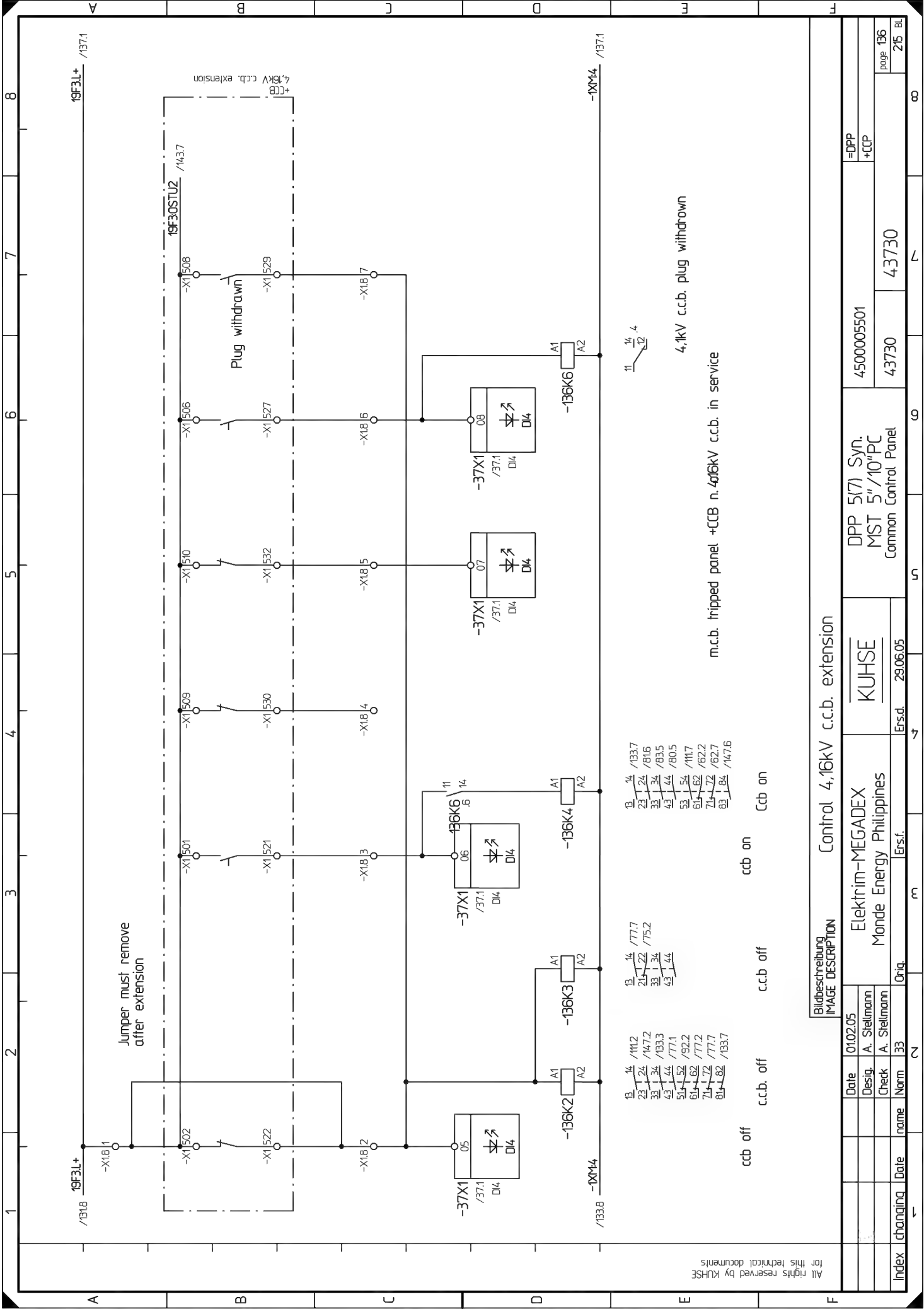
[illegible]











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Index		changing	Date	name	Norm	33	Orig.	Ers.f.	Erstd.	29.06.05	Common Control Panel		43730		4500005501		=DPP +CCP		page 136	215 BL
											DPP 5(7) Syn. MST 5" /10"PC		43730		4500005501					
											KUHSE									
											Elektrim-MEGADEX Monde Energy Philippines									
											Control 4,16kV c.c.b. extension									
											Bildbeschreibung IMAGE DESCRIPTION									
											Date 0102.05									
											Desig. A. Stelmann									
											Check A. Stelmann									



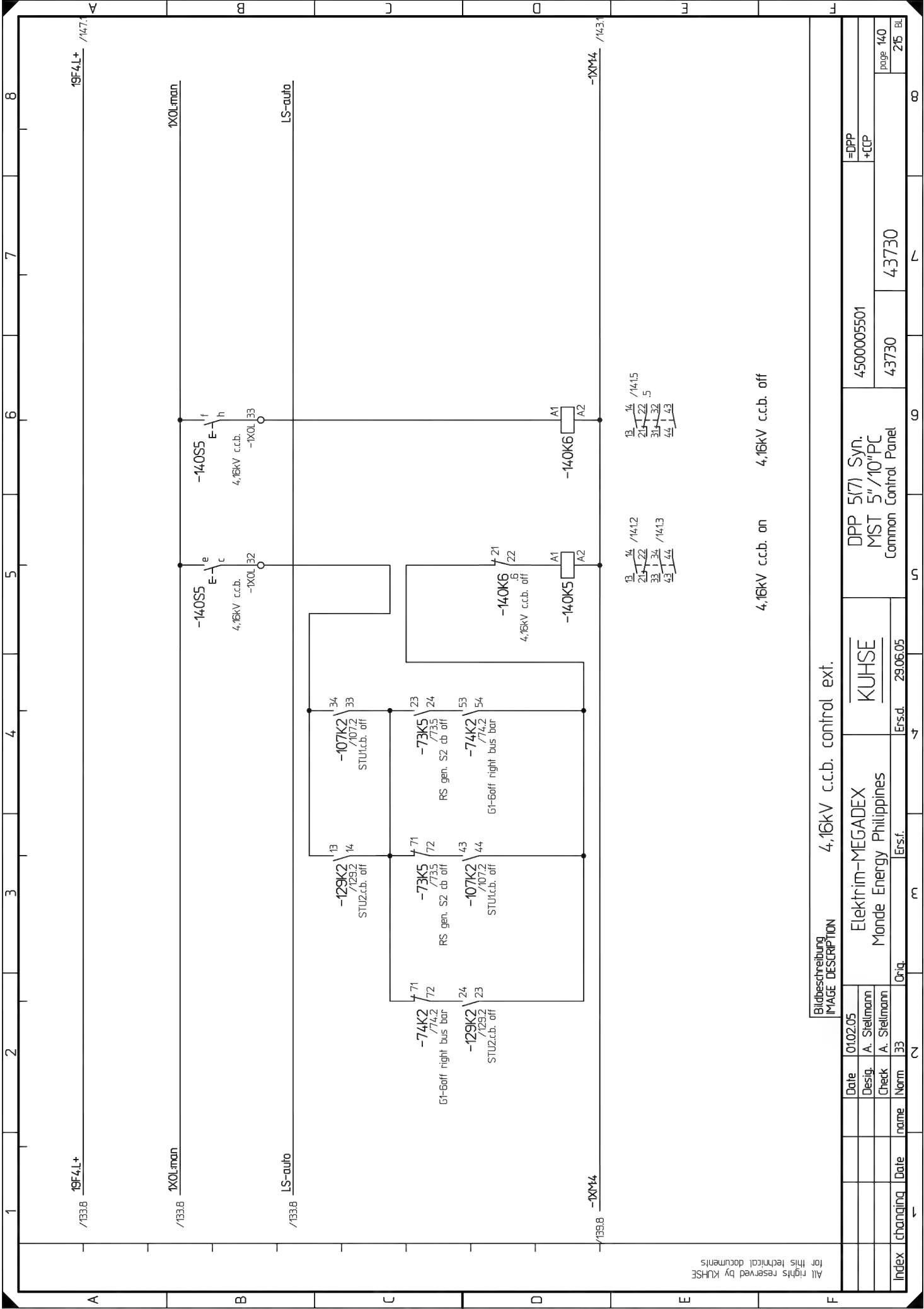
[illegible]



Indication 4,16kV c.c.b. ext.

[illegible]





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Bildbeschreibung IMAGE DESCRIPTION		4,16kV c.c.b. control ext.									
Elektrim-MEGADEX Monde Energy Philippines		KUHSE		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel		4500005501					
Date 0102.05		Desig. A. Stelmann		Check A. Stelmann		Norm 33		Date		Date	
Index changing		Date		Date		Date		Date		Date	
Ers.f.		Ers.d.		Ers.f.		Ers.d.		Ers.f.		Ers.d.	
43730		43730		43730		43730		43730		43730	
=DPP		+CCP									
page 140		215		BL							













[illegible]

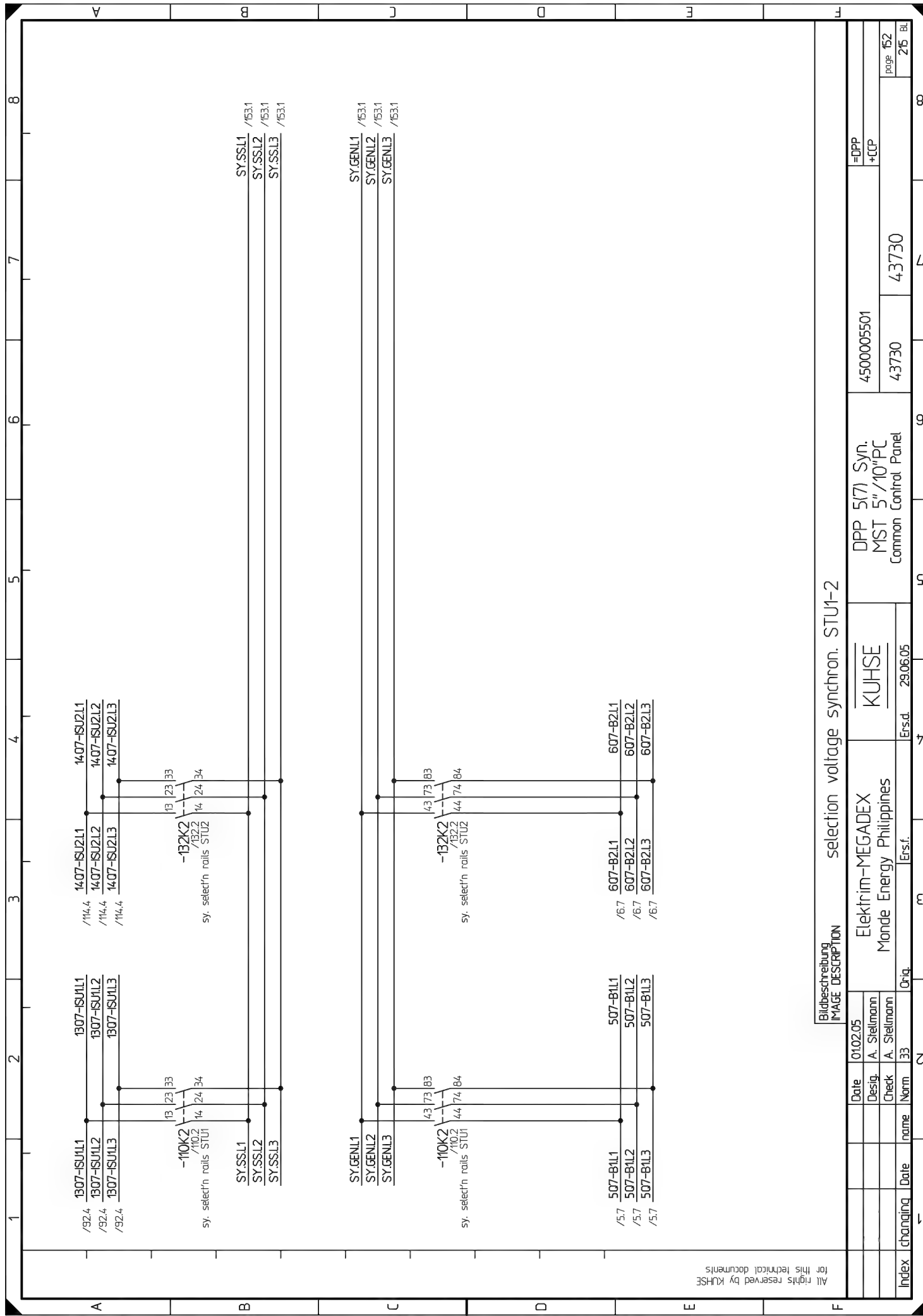








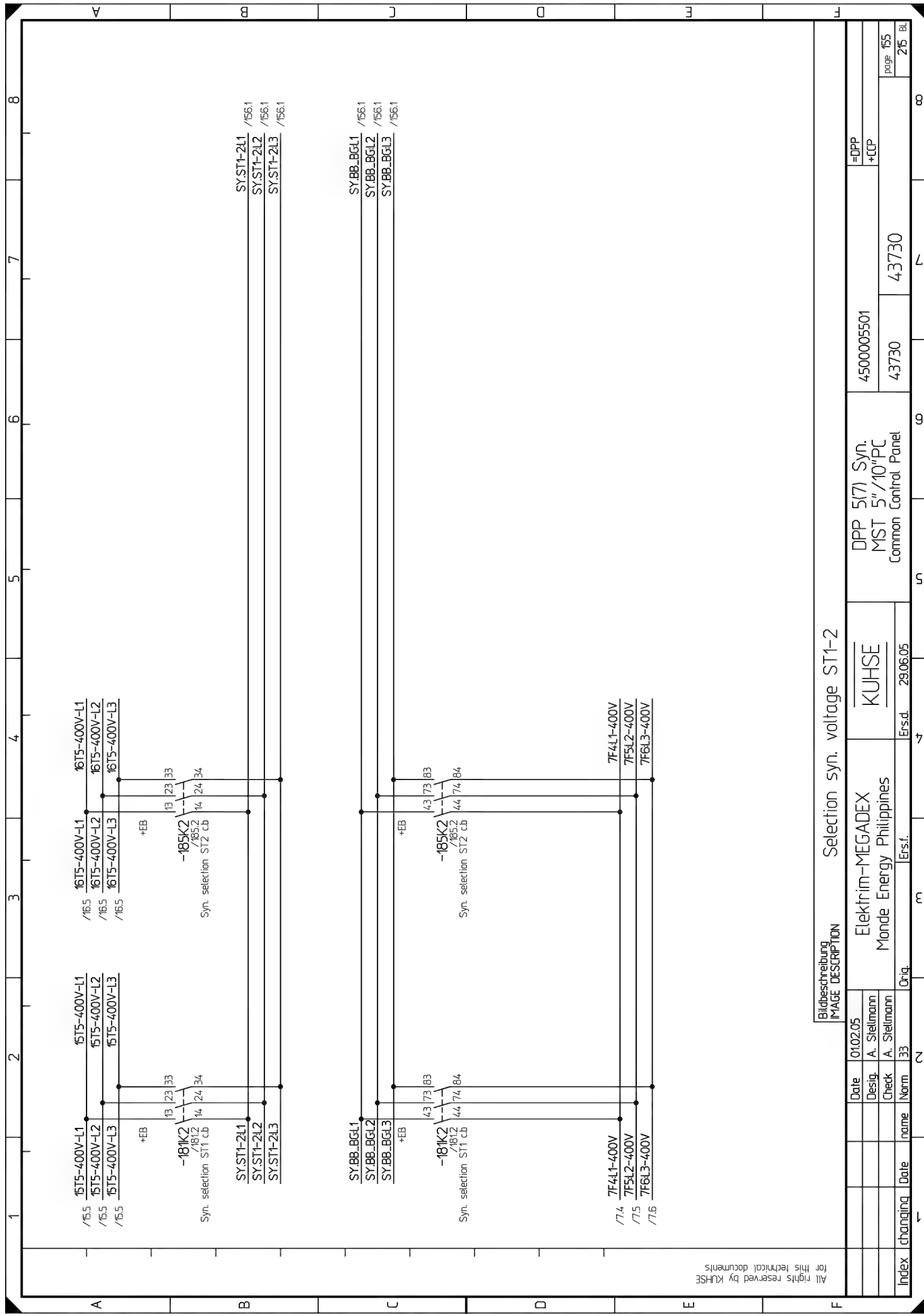






















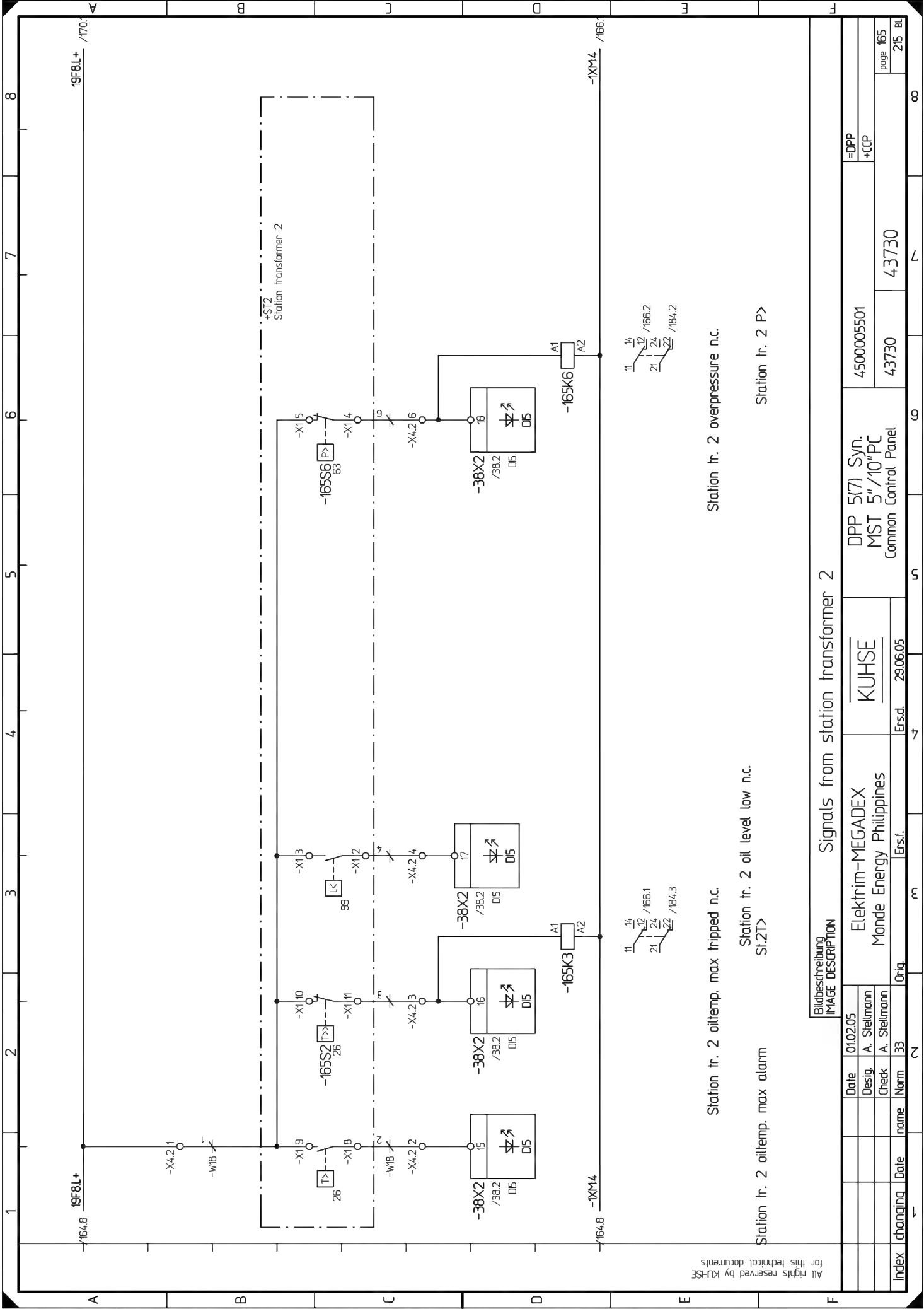












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Bildbeschreibung IMAGE DESCRIPTION		Signals from station transformer 2									
		Date 0102.05		Elektrim-MEGADEX		KUHSE		DPP 5(7) Syn. MST 5" /10"PC Common Control Panel		4500005501	
		Desig. A. Stelmann		Monde Energy Philippines						=DPP +CCP	
		Check A. Stelmann								43730	
		Norm 33		Orig.		Ers.f.		Ers.d. 29.06.05		43730	
Index changing		Date	name	Norm	33	Orig.	Ers.f.	Ers.d.	29.06.05	43730	43730
										215 BL	
										page 165	







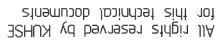












Control 4,16kV c. b. station tr. 3 ext.

[illegible]

[illegible]

[illegible]

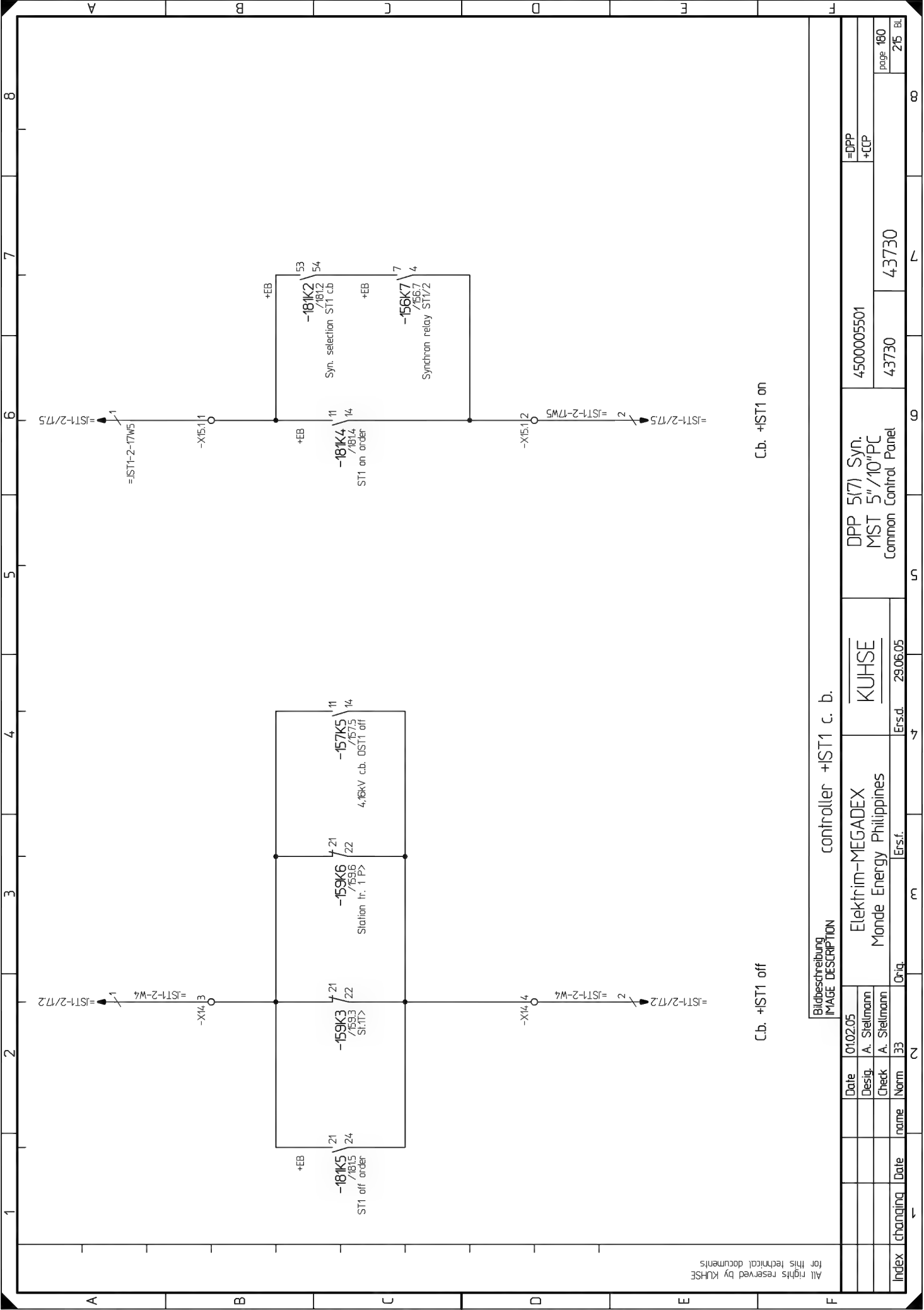










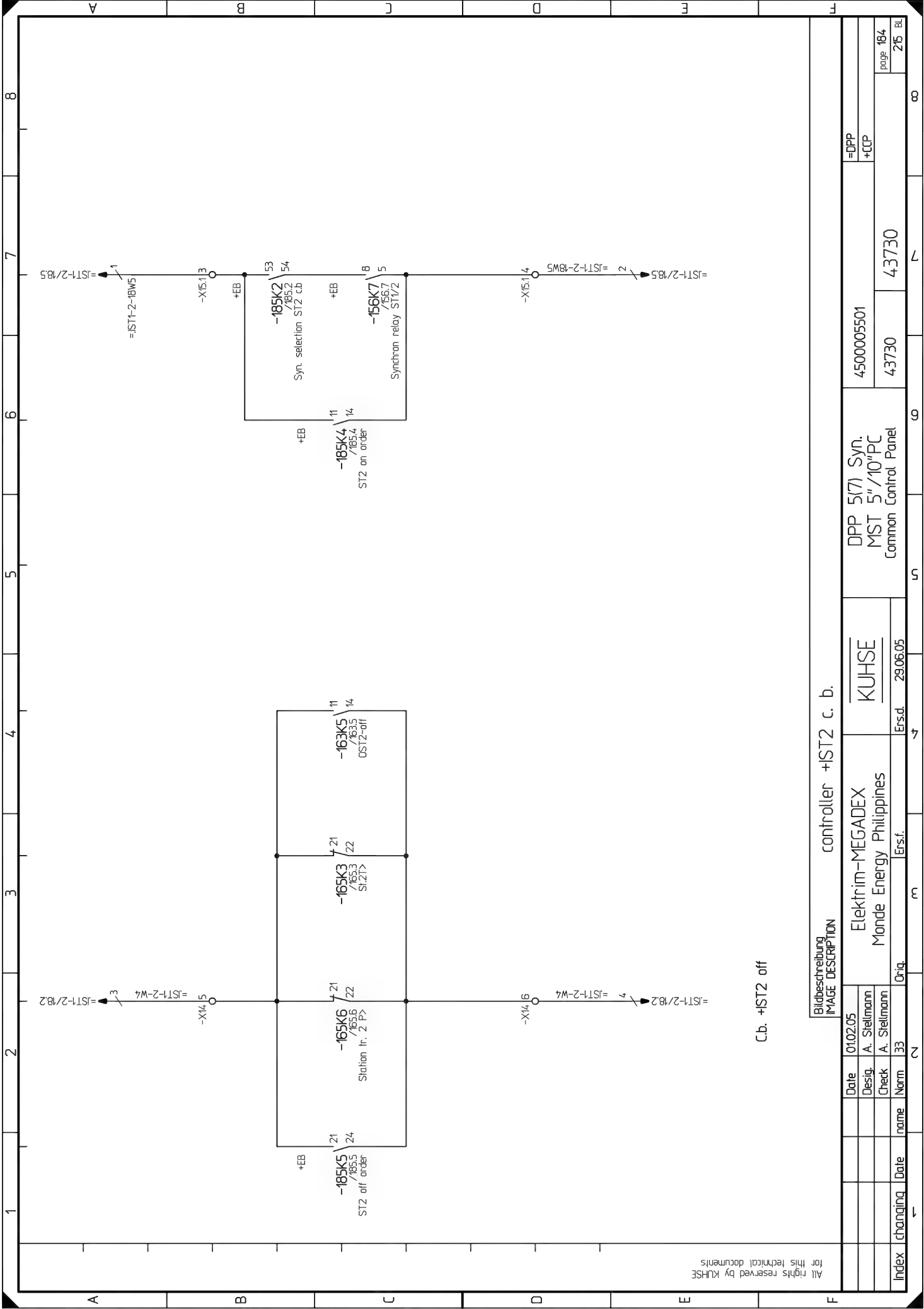


Bildbeschreibung IMAGE DESCRIPTION		controller +ST1 c. b.									
	Date	0102.05	Elektrim-MEGADEX		KUHSE		DPP 5(7) Syn. MST 5"/10"PC Common Control Panel		4500005501		=DPP +CCP
	Desig.	A. Stelmann	Monde Energy Philippines						43730		+CCP
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d.	29.06.05	43730	
										215 BL	
										page 180	







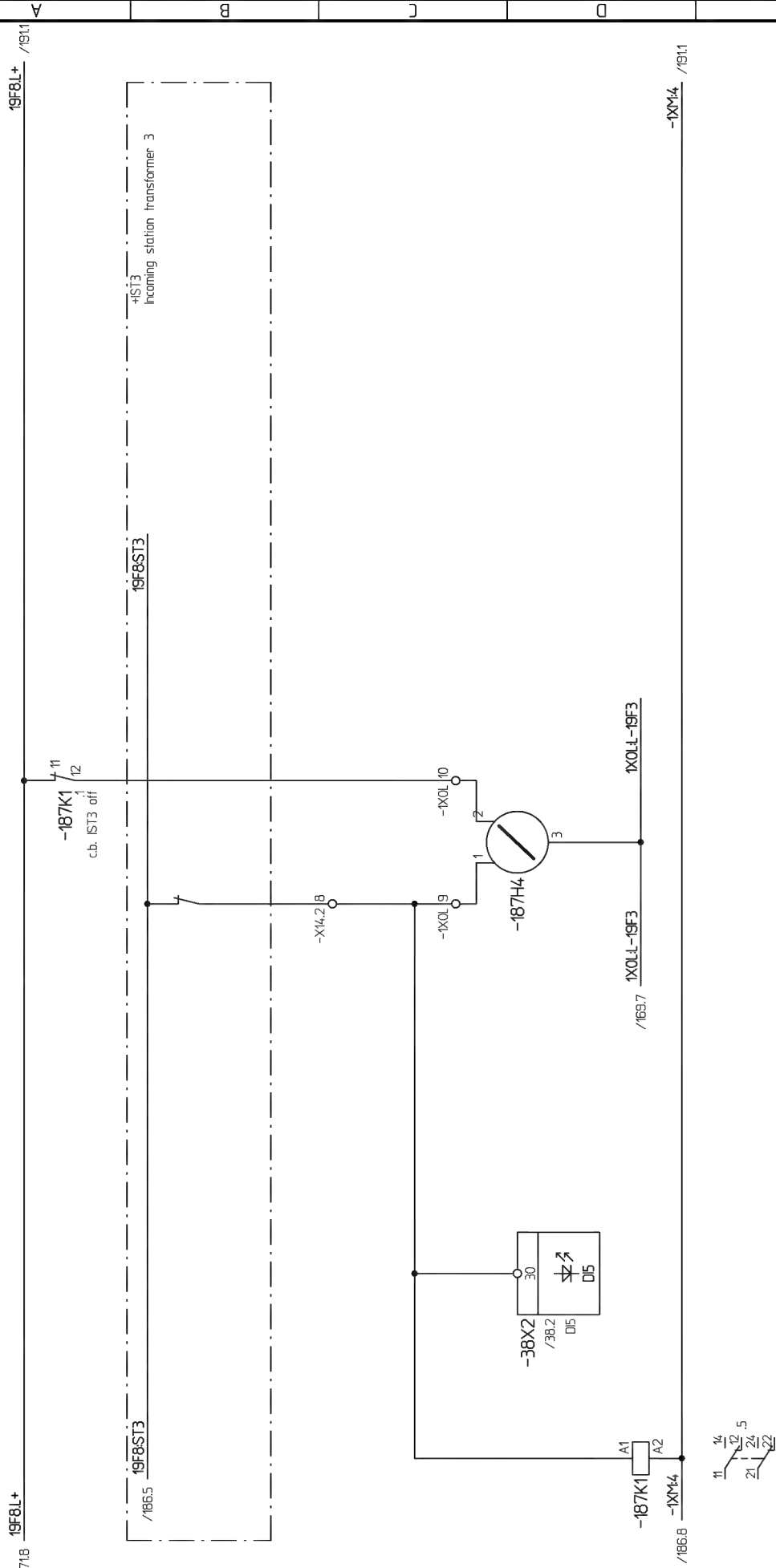


Bildbeschreibung IMAGE DESCRIPTION		controller +IST2 c. b.									
Index	changing	Date	0102.05		Elektrim-MEGADEX		KUHSE		DPP 5(7) Syn. MST 5"/10"PC Common Control Panel		4500005501
		Desig.	A. Stelmann		Monde Energy Philippines						+CCP
		Check	A. Stelmann								=DPP
		name	33		Orig.		Ers.f.		Ers.d.		43730
		Date									43730
											215 BL
											page 184





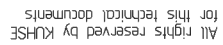




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c.b. IST3 off      LV c.b. station tr. 3 off      Station transformer 3 LV c. b.

[illegible]

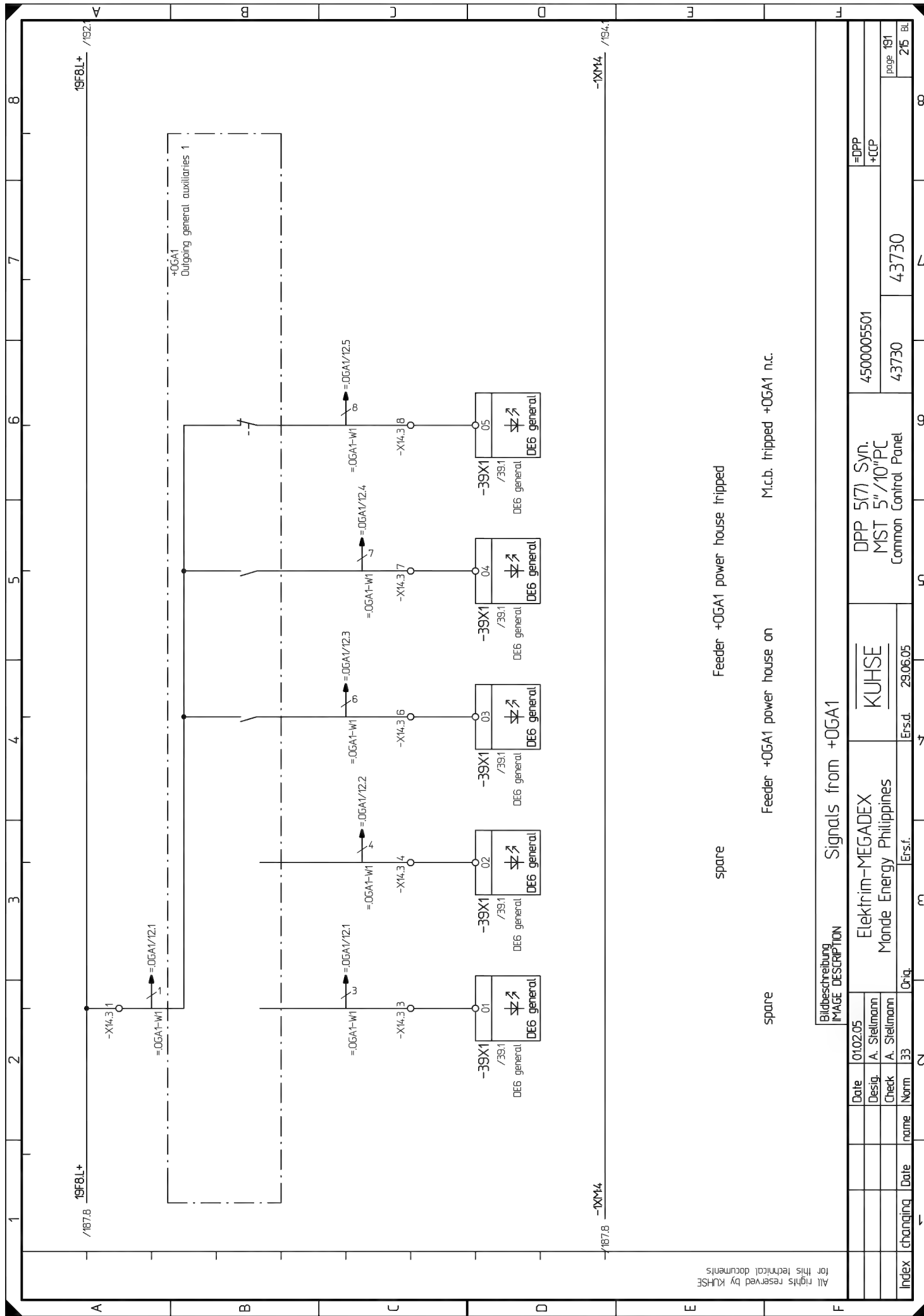


Control +|ST3 c. b. extension

[illegible]



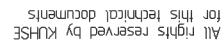
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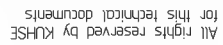


Outgoing feeder +OAF to +cA on  
 Outq. feeder +OAF to emission contr. build. 1 on  
 Outq. feeder +OAF to emission contr. build. 2 on  
 Outq. feeder +OAF to emiss.contr. build. 2 Inr.

[illegible]

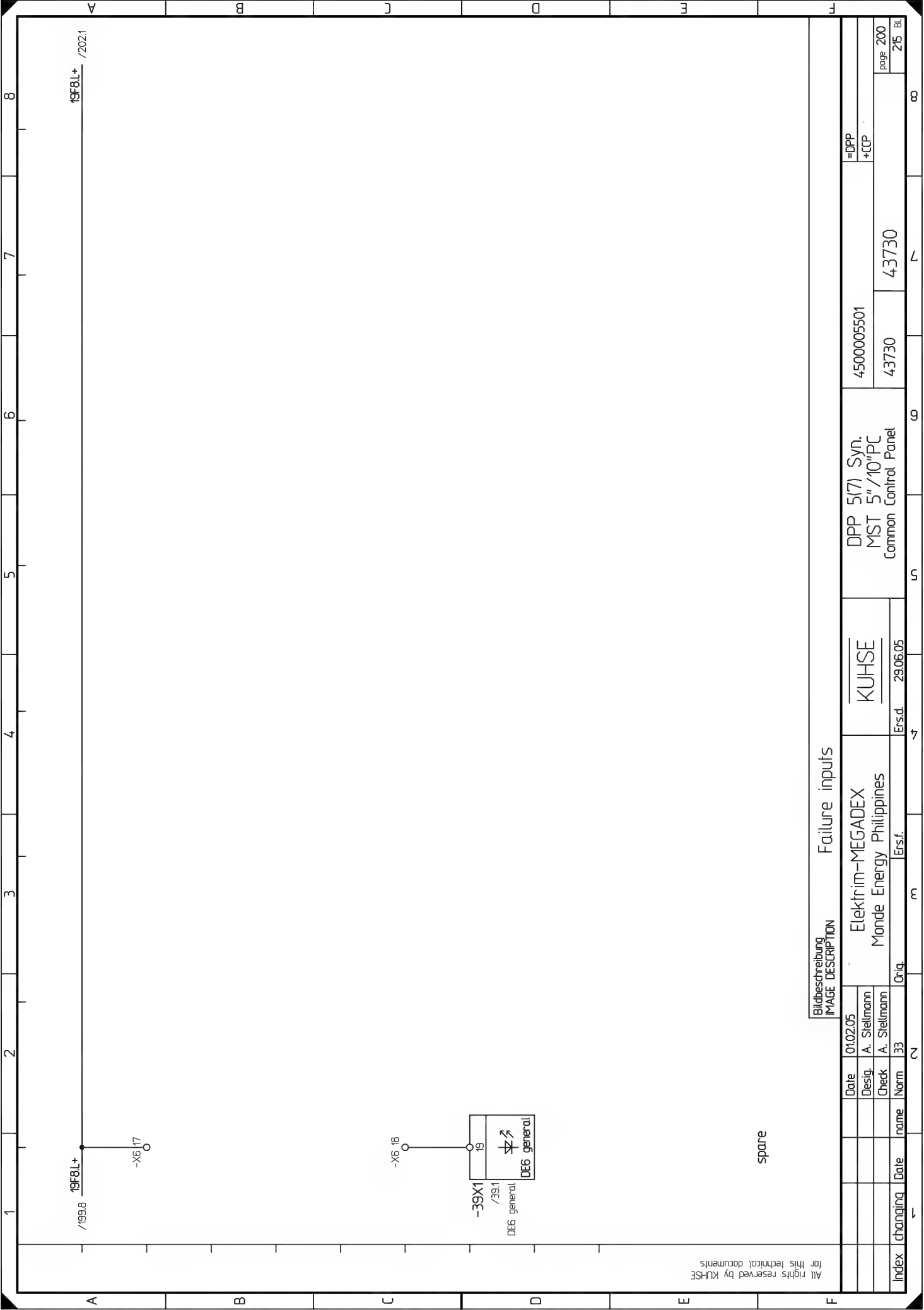




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[illegible]



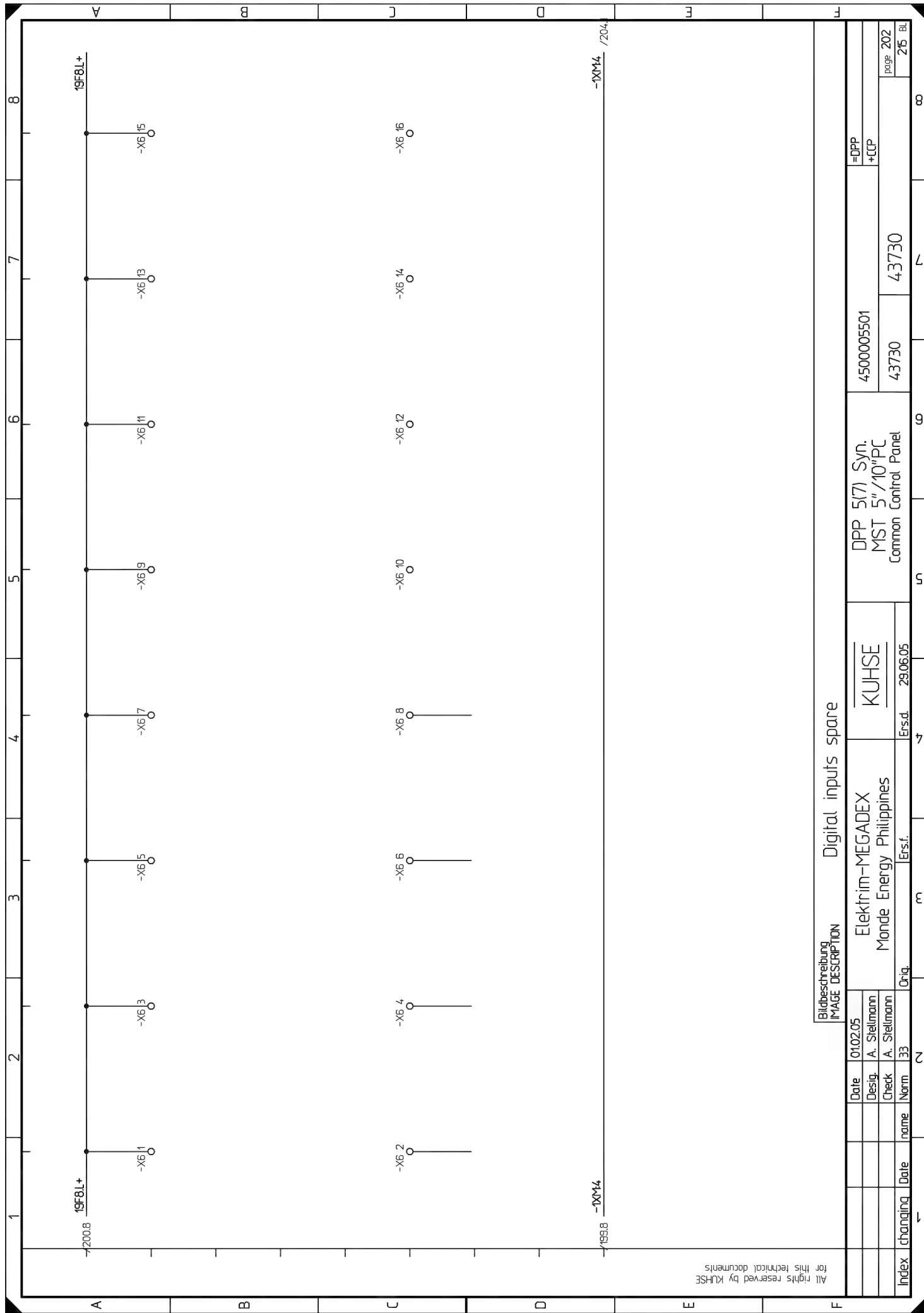
19F8L+  
/202.1

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Bildbeschreibung IMAGE DESCRIPTION		Failure inputs			
Index	changing	Date	name	33	Norm
				Check	Desig.
				A. Stelmann	0102.05
		Elektrim-MEGADEX Monde Energy Philippines		KUHSE	
		Ers.f.		Ers.d.	
		29.06.05		Common Control Panel	
		43730		4500005501	
		43730		=DPP +CCP	
		page 200		215 BL	





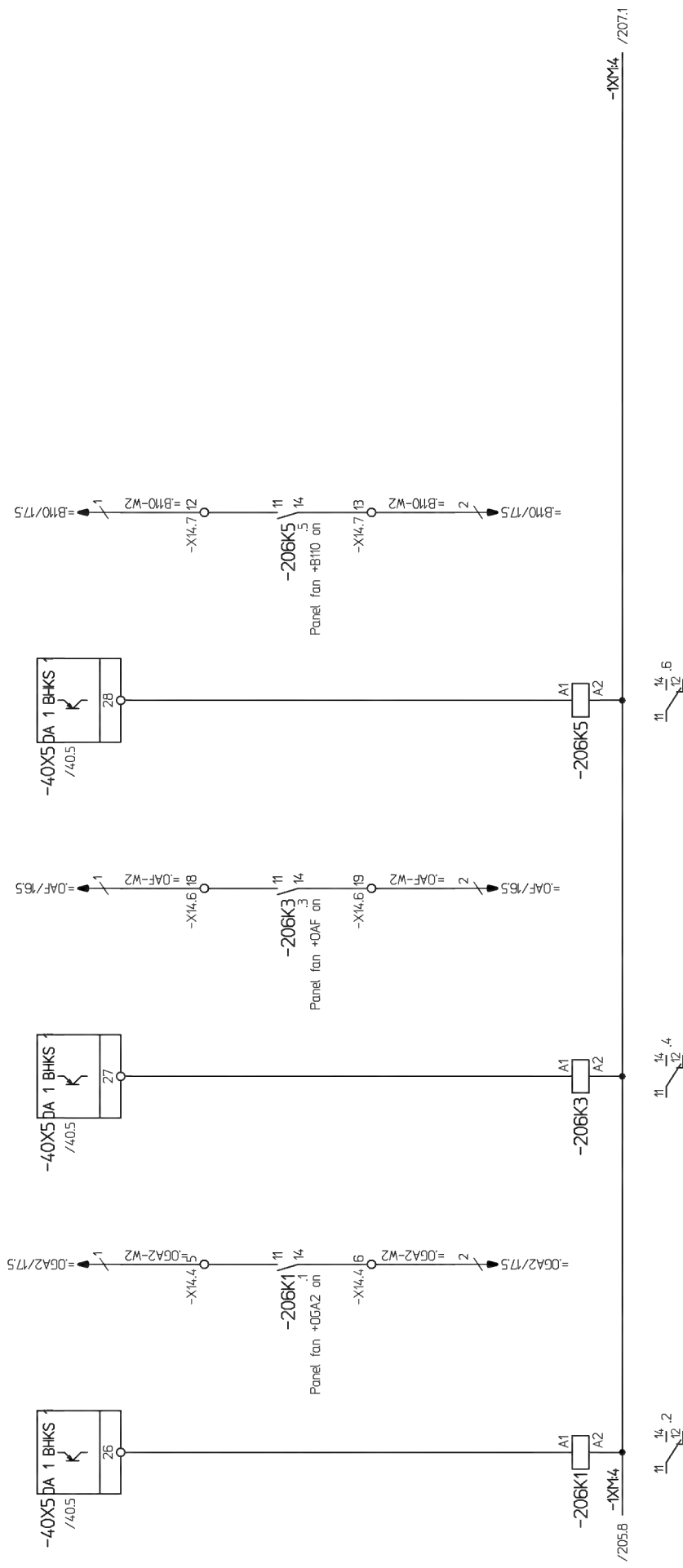


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All for Index	control cab ventilators													206 page	215 BL
	Bildbeschreibung IMAGE DESCRIPTION														
				Date	0102.05	Elektrim-MEGADEX		KUHSE		DPP 5(7) Syn. MST 5"/10"PC Common Control Panel			4500005501	=DPP +CCP	
						Design	A. Stellmann								
						Check	A. Stellmann	Mande Energy Philippines					43730		
Index	changing	Date		name	33	Norm		Orig.	Ers.f.	Ers.d.	29.06.05	43730			



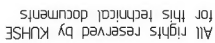


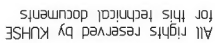








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[illegible]



